

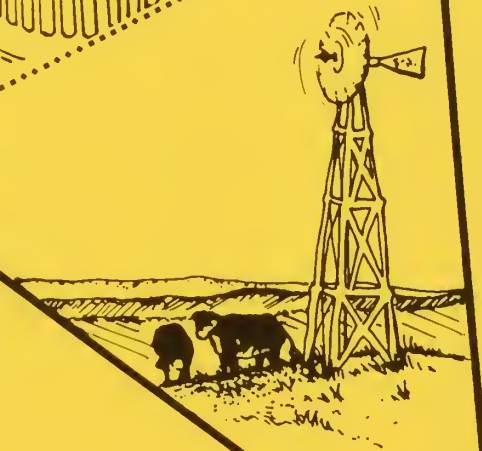
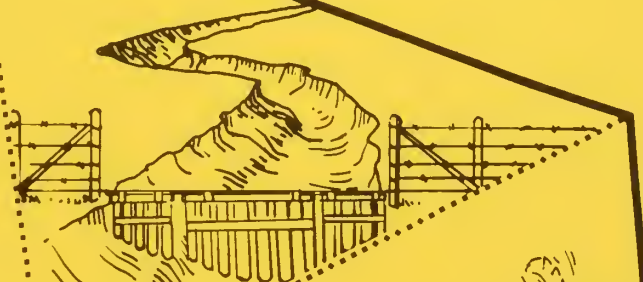
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U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



Data Management
for

"Job Documentation Reports"

BY RONNIE CLARK

Revised July 1983

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DATA MANAGEMENT
FOR JOB DOCUMENTATION REPORTS

by

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(Revised July 1983)

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A user guide which features instructions for
the preparation, submission, maintenance and data
retrieval of the Job Documentation Reports (JDR).

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FOREWORD

A Project Completion Reporting System for the Bureau was initiated in 1962 to create a data system for the following programs: Resource Development and Conservation, Soil and Moisture Conservation, Range Improvement, Weed Control, and Private (Section 4 and 15 Range Improvement Permits). However, a record of job expenditures to protect public lands was being maintained long before 1962 with the passage of the Economy Act of June 30, 1932, the Taylor Grazing Act of 1934, and the Soil Conservation Act of 1935.

The JDR System was initiated in 1968 as a data-gathering and report-producing device primarily for watershed conservation and development, and range improvement projects. The utility of the system was questioned due to incomplete, inaccurate and conflicting information when correlated with the program and financial management systems. Several recommendations were made to abandon the JDR System.

The Division of Budget and Program Development, Washington Office, and the Division of Financial Management, Denver Service Center, assumed responsibility for development and maintenance of the system. It has now evolved into an integral component of the program management system which provides for Annual Work Plan (AWP) input, progress reporting, and a data storage and retrieval system.

Since 1971, the JDR System has been strengthened through AWP Directives, Bureau Manual Releases, and instruction memorandums. In the past, job data has been maintained in file folders which have no definite retention timeframe. Therefore, job records have been destroyed, lost, or not properly maintained. The JDR computerized processing system has been developed to alleviate this problem. The system provides for field input of job data on one form, Form 1732-1, Job Documentation Report, which is sent to DSC for key-entry. The data is edited and errors are corrected through a joint effort of personnel from the field and DSC's Division of Computer Operations. Once the data is edited, output reports are produced for field office use.

Public land managers are currently conserving, protecting, and developing resources at less than full potential. The President's Environmental Message of 1979 signaled a renewed recognition of the important values of the resources of the public lands and confirmed a national commitment to making investments to improve the productivity of these resources to ensure a wide variety of economic and social benefits for the Nation as a whole. The Director has pointed out that all parties have a large stake in the outcome and solutions and must involve all land users, the environmental and wildlife communities, county governments, the States, the Congress and other Federal agencies. All parties' interests are best served by a clear and cooperative developed program to bring these lands into effective management.

Jobs are authorized under different laws, regulations, programs and policies. The components that this document is concerned with are the physical on-the-ground jobs, including (a) existing jobs and the condition and maintenance thereof and (b) new jobs that are needed in concert with improved land management. Improved land management covers two primary situations: (1) where current on-the-ground management practices are effective and new improvements will accelerate improvement of the vegetal cover and other resources, and (2) where current management practices are less effective. However, an acceptable management plan has been prepared and approved, and improvements identified therein are ready for implementation.

ACKNOWLEDGEMENTS

The author gratefully acknowledges the time provided by the many Bureau field personnel who participated in discussions for improvement of the Job Documentation Report (JDR) System.

Special credit is to be given to the Division of Computer Operations, Branch of Maintenance, Programming and Assistance (D-224). They were instrumental in converting the JDR System from the Burroughs 5500 to the new Honeywell 66/80 computer. The data system is made available to field offices to access the data base by remote terminal use of the REX2 proprietary software product, a Bureau Computer Time-Sharing System.

Appreciation is also expressed to the Resource Systems Team (D-223) who redesigned the edit program and several output programs to be "error-free" and to provide output reports that are oriented to resource program needs.

- I. Introduction. As presently defined, the JDR System is a vehicle by which programs are able to document specific work practices and job costs for development of annual work plans, monitor progress, obtain rapid recall of individual or series of jobs, and develop normal year maintenance schedules.

The purpose of this publication is to provide basic guidelines for the preparation, submission and maintenance of the JDR's. Included are suggestions for the completion of forms and narratives and subsequent data retrieval for other Bureau program inquiries.

- II. Programs. Most jobs are entered under the six program (Subactivity Code) areas of: Rangeland Management (4322); Forest Management (4310); Soil, Water and Air Management (4340); Wildlife Habitat Management (4350); Emergency Operations (4630 - Fire Rehabilitation); and Range Improvement (8100-8200). However, the JDR System is not limited to these functional areas. Jobs can also be entered under areas such as: Lands and Realty Operations (4210); Reimbursements, Renewable Resources (4930); Recreation Maintenance (2220); Payment in Lieu of Taxes (9500); Energy, Onshore (4110); Administration and Enforcement (4700); Resource Development, Protection, and Management Contribution (7120); and Recreation Management (4330).
- III. Job Planning. A suggested checklist is shown in Illustration 1 to show job planning action that should occur prior to the JDR's being included in the current AWP and job construction. In order to standarize this effort Bureauwide, blank spaces have been provided under each section for additional actions. It is suggested to review and make changes to coincide with field office job planning, construction, and completion procedures. In addition to BLM Manual Sections 9101-Facility Planning, 9102-Facility Design, 9103-Facility Construction, and 9104-Facility Maintenance, the following guidelines are offered for timely job planning and completion.
 - A. Heading. The heading of the checklist is completed by the individual initiating the job, usually resource area personnel, except for the job number and subactivity. This item is completed by the individual responsible for maintaining a record for job proposals prior to inclusion in the AWP.
 - B. Section I - To be Completed Two Years Prior to AWP. The majority of the responsibility for completing this section lies with the resource area. The target date for completing this section is 24 months prior to the desired construction development date. The purpose is to insure adequate and proper planning at the initial commitment in the District's AWP.
 1. Item 1. Any field office staff mamber may suggest or recommend jobs in all activities, including maintenance needs to the Area Manager. Submission should be made in a timely manner to meet deadlines outlined below through job construction or maintenance completion. It may be necessary for submission to Chief, Division of Operations, for initial feasibility determination.

2. Item 2. This stage of planning requires a field inspection of proposed job location with special consideration given to planning and environmental requirements. Job location modifications may be necessary. To ensure conformance with range line agreements, decisions, etc., it is recommended that the initiating employee and Division of Operations identify the job location, especially linear jobs (fences or pipelines) with steel fence posts and/or stakes with flagging attached to the degree necessary for later complete layout or survey that will conform to those agreements or decisions.

3. Item 4. Initiating employee is notified by Area Manager's decision for terminating job planning or inclusion in job data bank.

4. Item 5. Involves initiation of a project file, including "Job Planning Checklist" (Illus. 1), completion of a JDR (Form 1732-1, Items 1, 2, and 4 and Section I), best map available for a job location, and specific detailed needs and requirements relating to purpose of the job and/or condition of the job to be maintained. It is suggested for the Records Manager to prepare a six-way folder (or suitable substitute) for proposed projects. File sequence should be as follows:
 - Side 1 - Job Planning Checklist (see Illus. 1).
 - Side 2 - JDR (Form 1732-1) on top followed by maps.
 - Side 3 - Written record of project planning discussions, telecon confirmation, commitments to non-Bureau interest, correspondence.
 - Side 4 - Copy of Environmental Assessment (EA), Archaeological, VRM, Threatened and Endangered Plant, Wilderness data and supporting documentation. Easements, water filings, cooperative agreement, before photographs, water filing documents and maintenance inspection (7120-3 with supplements) as applicable.
 - Side 5 - Copy of contract, other documentation directly related to contract.
 - Side 6 - Completed JDR. Drawing, map, photographs of project as constructed.

5. Item 6. Determine the need for cooperative agreement between BLM and the resource user or other agency. When cooperation is needed, prepare draft copy and attach to the JDR.

JOB PLANNING CHECKLIST

District _____ Subactivity _____
 Resource Area _____ Job Name _____
 Planning Unit _____ Job Number _____

=====

Date Signature

SECTION I - TO BE COMPLETED TWO YEARS PRIOR TO AWP

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
| 1. Project proposed to Area Manager and approval for further planning. | _____ | _____ |
| 2. Site Inspection - Map and Identify Initial Job Location | _____ | _____ |
| 3. Review and document the following by indicating either C (Conflict), PC (Possible Conflict), NC (No Conflict) or NA (Not Applicable). If a conflict or possible problem does exist, explain on a separate sheet or memo and attach. | | |
| _____ Planning Documents | _____ | _____ |
| _____ Land Status | _____ | _____ |
| _____ Mining Claims | _____ | _____ |
| _____ Wilderness Status | _____ | _____ |
| _____ Water Rights Status | _____ | _____ |
| _____ Possible Threatened and Endangered Species Conflict | _____ | _____ |
| _____ Possible Conflicts with Wildlife Concerns | _____ | _____ |
| _____ Possible Problems with Water and Air Quality | _____ | _____ |
| _____ Possible Conflict with Other Federal, State, or Local Government Agencies and Public | _____ | _____ |
| 4. Area Manager reviews and resolves or initiates resolution of conflicts or terminates proposal. | _____ | _____ |
| 5. Prepare project file. Include completed documentation of this checklist, JDR with Section 1, and best available map of project. | _____ | _____ |
| 6. Initiate and prepare rough draft of possible cooperative agreement and contributions, and assign maintenance responsibility. | _____ | _____ |
| 7. Easement or Right-of-Way Proposed | _____ | _____ |
| 8. Well Site Investigation: Date Requested _____
Date Completed _____ | _____ | _____ |
| 9. Feasibility study conducted, project flagged, and water flow measured on springs. Soil suitability, hydrology, engineering design, etc., considered. Prepare initial cost estimate. | _____ | _____ |

SECTION II - TO BE COMPLETED ONE YEAR PRIOR TO AWP

- | | | |
|--------------------------------------------------------------------------------------------------------------------------------|-------|-------|
| 10. Complete Sections II, III, and V of the JDR. Include topographic map with status, narrative description and justification. | _____ | _____ |
| 11. Easement or Right-of-Way Acquired, as necessary | _____ | _____ |
| 12. Water Filings Completed on Water Developments | _____ | _____ |
| 13. Pesticide Committee Review | _____ | _____ |
| 14. State Game and Fish (Wildlife) Review and/or Notification | _____ | _____ |
| 15. Cultural Resource/Antiquities Clearance completed and mitigated, if required. | _____ | _____ |
| 16. Wilderness Clearance | _____ | _____ |

JOB PLANNING CHECKLIST

District _____ Subactivity _____
 Resource Area _____ Job Name _____
 Planning Unit _____ Job Number _____

=====

	<u>Date</u>	<u>Signature</u>
<u>SECTION II - TO BE COMPLETED ONE YEAR PRIOR TO AWP</u>		
17. Visual Resource Management Review (Form 8400-8)	_____	_____
18. Threatened/Endangered Species Clearance	_____	_____
19. Advisory Board Review and Approval	_____	_____
20. Environmental Analysis Record Prepared - Decision Document Signed and Alternative Selected	_____	_____
21. District Staff Review and Tentatively Approved by Area Manager	_____	_____
22. Public review and/or involvement of interest groups or individuals.	_____	_____
23.	_____	_____
24. Engineering, Survey and Design Completed	_____	_____
25. Update of JDR - Accuracy of Codes, Cost, Job No., and Subactivity Assigned	_____	_____
26. Cooperative Agreements Signed (Obtained Monetary Contribution)	_____	_____
27. Job Approved by Authorized Officer	_____	_____
28.	_____	_____

SECTION III - AWP, JOB COMPLETION AND PROGRESS REPORT

29. Plans and specifications for contracting or force account development completed. Materials ordered.	_____	_____
30. Contract awarded if items 1 thru 29 are completed and AWP approved.	_____	_____
31. Contract administration-COAR and project inspector assigned. Monitoring for Compliance with EA Mitigating Measures	_____	_____
32. JDR Completion Sent to ADP (D-252) Master Title Plat Revised and Sent to State Office	_____	_____
33. Drawings and specifications filed and job marker placed at key job location.	_____	_____
34. URA or RMP and Activity Plan Revised	_____	_____
35.	_____	_____
36.	_____	_____
37. Checklist Completed and Job Folder Placed in Central Files	_____	_____

6. Item 7. Using Land Status Check, determine if easements and/or cadastral survey are necessary. When easements or surveys are necessary, prepare draft request and Justification for Proposed Easement and/or Cadastral Survey Request (Form 9180-2). Easements and surveys will require additional time depending on the complexity of the problem. (See Manual Section 2131, Completion of Deed.)
 7. Item 9. The feasibility study also includes a preliminary survey and detailed cost estimate by Division of Operations for submission of each job proposed as input to following year PAWP.
- C. Section II - To be Completed One Year Prior to AWP. The Area Manager should review job file for completeness and clarity. District Office staff assignments are made for environmental assessment preparation. If the job proposal adversely affects an activity, the staff specialist should prepare a report specifying any problems, their location, and possible mitigating measures for inclusion in the environmental assessment.
1. Item 10. Involves completing Form 1732-1, Items 37-89 (Sections II and III), preparation of detailed estimate of costs, Section V and, if necessary, a supplemental materials list. Engineering requirements are determined and JDR review is made for technical adequacy.
 2. Item 11. The Division of Operations usually is responsible for easement or right-of-way acquisition. State Office assistance may be required.
 3. Item 12. The appropriate State Office is notified for obtaining an approved application to appropriate and a permit to develop proposed waters. If already appropriated to another party, initiation of a water use agreement with the water right holder.
 4. Item 13. All proposed jobs involving the use of any chemical pesticide is to be submitted to the State Office (930) no later than October 1 of the fiscal year preceding the development of the AWP. At least one year of lead time is necessary for State and Washington Offices for technical review and approval of pesticide use proposals. (See Manual Section 9222, Chemical Pest Control.)
 5. Items 14 thru 22. Area Manager or assigned employees begin preparation of the EA after reviewing comments from resource staff, archaeologist, engineering staff, resource users, agencies and other interested groups as documented by completing items 14 thru 19. Special impacts and mitigating measures are identified and become supplemental attachments to the JDR. Input should be solicited by interested parties for inclusion of comments in the EA.

6. Items 24 and 25. Resource Area and operations staffs provide the final on-the-ground survey and design for the job location mentioned in item 2. JDR is reviewed for completion of Sections I, II, III and V, and final cost estimates are completed for materials, labor and/or work months.
7. Item 26. After completion of cooperative agreement(s), a copy is forwarded to the records clerk for inclusion in the job file. If the job involves cooperative contributed funds, a proffer of monetary contributions (Form 7330-8) should be completed, excepting item 3, and signed by the contributor. The follow-up action to obtain the contribution, item 3, is to be completed by administrative and operational staffs.

D. Section III - AWP, Job Completion and Progress Report. The Division of Operations has the primary responsibility of completing this section and processing the JDR's in accordance with State Office instructions and BLM Manual 1732.

1. Item 29. The Division of Operations is responsible to finalize plans and develop specifications for contracting or force account completion of the job. Final plans and specifications are prepared at least four (4) months prior to start of job construction or maintenance. Environmental Assessment mitigating measures are incorporated into contract proposal or into instructions to force account employees. See BLM Manual Sections 7000 and 9000 for further guidance for preparing specification portion of the Invitation for Bid (IFB) and designing jobs to comply with Bureau standards.
2. Item 31. Assignment of jobs are made to force account employees. Qualified contract inspectors are available and involved in job work, including maintenance. The Surface Protection Specialist performs periodic inspection of construction to see that mitigating measures reflected in the environmental assessment are complied with.
3. Items 32 through 34. The actions necessary to complete these items are the responsibility of the Division of Operations. These items are extremely important to provide proper documentation, legal authority, and to maintain an accurate record for future reference of location and job maintenance needs. The environmental coordinator and appropriate staff with a special interest in the job are invited to participate in the final job inspection and approval. Resource Area and cooperator are furnished the operating/maintenance instructions, including manuals, "as built" drawings, etc., upon job completion. Part IV of the JDR is completed by the Division of Operations for proper progress reporting procedures. The Resource Area is notified of the completion for noting on the URA or RMP and activity plan overlays.

IV. Job Documentation Report (JDR), Form 1732-1, Detailed Requirements for Completion. This is a multi-purpose form used to supplement or provide baseline data to AWP development, monitoring job installation progress (including completion), and many data retrieval applications that are in Section VII.A., Data File Uses. Form 1732-1, JDR (Illustration 2), is submitted to D-252 (DSC, Branch of Data Maintenance, Programming and Assistance) for the following data processing transactions: (1) inputting initial job planning for current AWP; (2) entering job data element corrections; (3) entering job completion (progress) data; (4) submitting carryover of jobs to next fiscal year for completion; (5) abandoning job data record; (6) filing of job maintenance details; and (7) creating a data file for non-Bureau financed improvements on public lands (see Illustration 3).

A. Reporting Dates. An original is submitted to D-252 of all JDR's, Form 1732-1, at the time required to execute a job data transaction in all cases except data element corrections. Corrections may be submitted either on Form 1732-1 by circling in "red" the corrected items and entering corrected data element codes or entering corrected data element codes on the ADP printout "Job Documentation Report Edit Error Listing" (see Illustration 9), for an individual job. Field offices generally receive the printout within two weeks after submitting a JDR for keypunching initial job planning or completion data.

Note: Length of turnaround time is dependent upon backlog of input documents in D-252 for data processing.

B. Data Report Types. One of the following input documents is submitted, depending upon the type of data processing is necessary to maintain a high quality JDR system.

1. Initial Data Entry. An original Form 1732-1 is submitted as a portion of AWP, completing Sections I, II, and III. See Illustration 4, "Key for Required Entries - JDR Edit Criteria," Form 1732-1b, as a reference to those data elements requiring data entry code(s). Those data element fields marked by an "x" must have an entry or a fatal error will result.

2. Completion (Progress) Reports. An original Form 1732-1 or keypunch-coded copy of Form 1732-1 (submitted for initial data entry) with Section IV completed (Illustration 5) is submitted after final inspection and acceptance of construction completion. This includes work accomplished through privately-financed range improvements (Section 4 or Section 15 Permits and Cooperative Agreements, see Illustration 3).

Form 1732-1 with Sections I through IV (Illustration 2) may be submitted after final inspection and acceptance of construction completion for Bureau jobs. This eliminates the requirement of initial data entry and progress reporting steps of creating a data record.

Illustration 2. Job Documentation Report (BLM Funding Support).
 U.S. DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

JOB DOCUMENTATION REPORT

JOB IDENTIFICATION

1. State (2-3) 10 2. District (4-5) 05
 3. Job Number (6-9) 4391
 4. Transaction Code (10) 2

I - GENERAL DESCRIPTION Card 1

5. Job Name (11-30) SAMPLE POINT SEEDING
 LOCATION CODES
 6. Special Project Code (31-34) PRIA
 7. Resource Area/Planning Unit (35-38) 4805
 8. Subregion (39-42) 1601 9. County (43-45) 013
 10. Watershed Area Number (46-48) 013
 11. Allotment Number (49-52) 0706
 12. Wildlife Habitat Area (53-56)
 13. Wild Horse/Burro Area Number (57-60)
 14. Meridian (61-62) 08
 15. Township (63-67) 0020S
 16. Range (68-72) 0230E 17. Section (73-74) 10
 18. Subdivision (75-78) NESW

SITE AND VEGETATION DESCRIPTION

19. Present SSF (79-80) 38
 20. Percent Slope (81-82) 02
 21. Exposure (83) 3 22. Soil Texture (84) 4
 23. Precipitation (inches) (85-86) 10
 24. Elevation (feet) (87-91) 04500
 25. Vegetation Subtype (92-94) 901

COMPOSITION (Percent)

26. Grasses (95-96) 44 27. Forbs (97-98) 12
 28. Browse (99-100) 44

COVER (Percent)

29. Vegetation (101-102) 20 30. Litter (103-104) 48
 31. Bare Ground (105-106) 32

II - ANNUAL WORK PLAN INPUT DATA Card 2

75. Subactivity (11-14) 4340
 76. Component-Job Code (15-18) 5355

UNITS PLANNED

77. Primary (19-24) 01800.0
 78. Secondary (25-29) AGCR

TIME OF AWARD

79. Fiscal Year (30-31) 81 80. Third (32) 1

TIME OF COMPLETION

81. Fiscal Year (33-34) 81 82. Third (35) 2

BLM COST

83. Method (36) 1
 84. Material (37-41) 44030
 85. Contract (42-47) 14400

CONTRIBUTED COST

86. Material (48-52)
 87. Labor/Equipment (53-57) 200

MAINTENANCE

88. Responsibility (58) 1 89. Cycle (59-61) 105

III - JOB DETAILS AND BENEFITS Card 3

37. Primary Job Objective (11) 1

PLANT AND PEST CONTROL

39. Chemical (12) 42. Method (13)
 45. Mechanical - Method (14)

ARTIFICIAL REVEGETATION

47. Pounds Seed/Acre (15-17) 8.0
 48. Seedlings/Acre (18-21)
 49. Method (22) 1
 51. AUM's Livestock Forage Added (23-26) 200
 52. Future SSF (27-28) 20

WATERSHED TILLAGE

54. Method (29)

FACILITIES

55. Type (30) 56. Other Misc. (31)

WATER DEVELOPMENT/CONTROL

59. Type (32-33)
 60. Water Filing Number (34-39)
 STORAGE (Ac. Ft.) 61. Flood (40-45)
 62. Silt (46-51)

WILDLIFE HABITAT DEVELOPMENT/PROTECTION

63. Type (52-53) 21
 64. Primary Species (54-56) 111
 65. Animal Months (57-61) 240
 66. Number Increase (62-66) 60
 67. Pounds Fish Increase (67-71)
 68. Rare/Endangered (72)

VISITOR DAYS ADDED

69. Fisherman (73-76)
 70. Hunter (77-80)
 71. Other (81-84)

IV - PROGRESS REPORT Card 4

COMPLETION DATA

UNITS 90. Primary (11-16) 1790.0
 91. Secondary (17-21) AGCR
 TIME 92. Fiscal Year (22-23) 81
 93. Third (24) 2
 94. Job Cost (25-30) 18400
 95. Work-Months (31-33)

CONTRIBUTION DETAIL

96. Agreement (34) 2 97. Contributor (35) 3
 98. Contributor's Name (36-55) ARRANGE USER

CONTRIBUTIONS

99. Deposited (56-60)
 UNDEPOSITED 100. Materials (61-65)
 101. Labor/Equipment (66-70) 213

V - DETAIL OF UNITS AND COSTS ESTIMATE ACTUAL

WORK DESCRIPTION AND MATERIALS	UNITS		BLM COSTS		COOPERATOR COSTS	
	EA. MILE, ETC.	COST	MATERIALS	CONTRACT	MATERIALS	LABOR
	(a)	(b)	(c)	(d)	(e)	(f)
Advertized Contract	1800 Ac.	8.00		14,400		
Seed: Crested wheatgrass	5800 lb.	.25	1,450			
badak Alfalfa	2600 lb.	.30	1,080			
Pubescent wheatgrass	5000 lb.	.30	1,500			
TOTALS Materials			4,030			
Labor/Equipment				14,400		200

Illustration 4. Key for Required Entries - JDR Edit Criteria.

REQUIRED KEY ENTRIES (Per Form 1732-1)	
<p>Section I</p> <p>[X]</p> <p>[X] [X]</p> <p>[X] [X]</p>	<p>[X] [X]</p> <p>Section III</p> <p>[X] [J]</p> <p>[C] [I]</p> <p>[H] [O] [W]</p> <p>[D]</p> <p>[L] [M] [N]</p>
<p>Section II</p> <p>[X]</p> <p>[X] [X] [G]</p> <p>[X] [X] [X] [X]</p> <p>[R]</p> <p>[E] [R]</p> <p>[Y] [X]</p>	<p>Section IV</p> <p>[X] [X] [G] [X] [B]</p> <p>[X] [R]</p> <p>[R]</p> <p>[T]</p>
LEGEND	
[B] If BLM Financing is Involved	[K] With Job Code 60 or 70
[C] If Item 47 or 48 is Coded	[L] If Subactivity 4350 or 6350
[D] If Item 59 is Water Control Structure	[M] If Primary Species is Coded 100 thru 700 Series or 903, 904, or 905
[E] If BLM Contracted Job	[N] If Primary Species is Fish or Marine Animal
[G] For Job Codes 55, 57, 58, 64, 68, 70, Enclosures, Enclosure or Stock Trail	[O] With Subactivities 4322, 4340, 8100, and 8200 Job Codes 61 or 71
[H] With Job Code 56 or 68	[R] If Contribution is Made
[I] With Subactivities 4322, 4340, 8100, or 8200 Job Codes 55 and 68	[W] Required With Job Code 57 or 69
[J] If Item 39 is Coded	[X] With All Job Codes
[T] If Cooperative Agreement; If RI Permit, Item 100 Required, Must be Code 2 in Item 9b	
Remarks	

3. Correction Reports. Corrected data elements may be submitted anytime after the initial or completion data has been key-punched into the JDR System and the field office has received or executes a printout displaying the job data file (see Illustration 6). Carryover jobs from planned fiscal year to subsequent fiscal year (due to unforeseen funding or construction completion problems) are "automatically" carried over to the next fiscal year by a recently developed program to assist field offices. (See Illustration 7.)

Note: Field offices often receive a printout titled "Incomplete Jobs Dropped from the JDR System." The following message is printed at the end of printout: "The above jobs have been dropped from the JDR System. See Instruction Memo DSC-82-92 for resubmission procedures (see Illustration 8).

In order to get any jobs (listed on the above printout) restored in the JDR System, a new Form 1732-1 may be submitted using Transaction Code 1 (same as initial data entry) and completing Sections I, II, and III. If the job is completed, submit a Form 1732-1, using Transaction Code 2 and with necessary entries made in Sections I, II, III, and IV. Be sure to draw a red circle around the section Roman numeral as a clue for key entry operator to key all data in each section.

- a. Current Master File. Corrections may be submitted for job data items by the following actions: 1) marking a line through the transaction code that the previous data was processed, 2) entering a transaction code 3 adjacent or below the previous transaction code, and 3) entering the correct code(s) below the erroneous code or previously omitted code(s).

Note: Be sure to make all entries in red, including a red circle around all item numbers to be corrected for identification by key entry personnel.

Corrections are made according to error message(s) on "Job Documentation Report Edit Error Listing" that is sent to field offices after initial key entry operation for a data record. (See Illustration 9.)

- b. Historical File. Corrections may be submitted for data items by completing a Form 1732-1 or making a data record inquiry mentioned in Access to JDR Data Base, page 108 (or see Illustration 6). Submission instructions are the same as above, Current Master File, except for item 4. Enter a transaction code 3 since this item is blank on the inquiry printout.

Illustration 7. Incomplete Jobs Carried to Next Fiscal Year.

REPORT DATE 83/04/11 PCN:MD40B UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
JOB DOCUMENTATION REPORTING SYSTEM
INCOMPLETE JOBS CARRIED TO NEXT FISCAL YR

--INCOMPLETE-DATA--

STATE	DISTRICT	JOB-NO.	JOB-NAME	SUB-AC	CJC	PRIMARY	2NDRY	FYPLAN-UNIT
UT	J2	4147	JOHNSON HORSE FENCE	810J	446J	6.0	000J1	83
UT	J2	4200	RAVJDLPA CREEK EXCL	435J	556J	3.1	000J5	83
UT	J2	4201	MIDDLE OTTER EXCLOS	435J	556J	2.0	000J2	83
UT	J2	4203	BIG CREEK ENCLOSURE	435J	556J	.8	000J1	83
UT	J2	4205	SPRING CR ENCLOSURE	435J	556J	.5	000J1	83
UT	J2	4255	BAKER HILL FENCE	810J	446J	4.1	000J2	83
UT	J2	4256	BAKER HILL CATTLEGRD	810J	446J	1.0		83
UT	J2	4263	QUAKEN ASPEN SPP PLN	4322	4457	1.0	OKI//	83
UT	J2	4266	SAGE CRK OIL WL PLNE	4322	4457	1.0	1056J	83
UT	J2	4271	WARM SPR PIPELINE EX	810J	4457	3.0	2056J	83
UT	J2	4273	JWL SPRING PIPELINE	810J	4457	4.0	500J1	83
UT	J2	4278	BROAD CANYON PIPELINE	810J	4457	1.0	4224J	83
UT	J2	4280	BROAD CYN PIPELINE JL	435J	5557	1.0	0100J	83
UT	J2	4290	LOOKOUT PASS GUZZLER	435J	5557	1.0	0100J	83
UT	J2	4291	DRY CA WATER WEL PI	4322	4457	1.0	0896J	83
UT	J2	4292	SAGE CREEK PRES BURN	4322	4455	1200.0	ARTR2	83
UT	J2	4299	ANTELOPE FIRE REHAB	463J	7155	500.0	0AGCR	83
UT	J2	4300	STANBURY ISL REHAB	463J	7155	940.0	0AGCR	83
UT	J2	4301	LONGHILL TEST PLANT1	435J	5555	3.0	0PUTR	83
UT	J2	4302	DRY BASIN TEST PLANT	435J	5555	3.0	0PUTR	83
UT	J2	4304	BUJLTER WASH N FENCE	4322	446J	8.2	000J1	83
UT	J2	4305	CEDAR HILL FIRE 9199	463J	7155	5300.0	AGCR	83
UT	J2	4306	SPUJHILL FIRE REHAB	463J	7155	2600.0	AGCR	83
UT	J2	4308	FIVE SPRING EXCL #01	435J	556J	.1	000J1	83
UT	J2	4309	FIVE SPRING EXCL #02	435J	556J	.1	000J1	83
UT	J2	4310	FIVE SPRING EXCL #03	435J	556J	.1	000J1	83
UT	J2	4311	FIVE SPRING EXCL #04	435J	556J	.1	000J1	83
UT	J2	4312	FIVE SPRING EXCL #05	435J	556J	.1	000J1	83
UT	J2	4313	NORTH SPRING ENCLOSU	435J	556J	.1	000J1	83
UT	J2	4314	DUCK CR RED SPR EXCL	435J	556J	.1	000J1	83
UT	J2	4315	DUCK CREEK EXCL NO 2	435J	556J	.1	000J1	83
UT	J2	4316	DUCK CR EXCL NO 6	435J	556J	.1	000J1	83
UT	J2	4322	BIG CR EXCL PER BURN	435J	5555	5.0	0ARTR	83
UT	J2	4323	MID OTTER EXCL BURN	435J	5555	5.0	0ARTR	83
UT	J2	4324	HARDLE SPRING DEVELP	810J	4457	1.0	0100J	83

JOBS REMAINING ON THE INITIAL CURRENT MASTER FOR FY 83

Illustration 8. Jobs Completed and Merged with the Historical File.

REPORT DATE 83/04/11 PCN:MD40A UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
JOB DOCUMENTATION REPORTING SYSTEM

JOBS COMPLETED AND MERGED WITH THE HISTORICAL FILE; TRANSFERS ARE THRU: 11/04/83

--COMPLETED-DATA--

STATE	DISTRICT	JOB-NO.	JOB-NAME	SUB-AC	CJC	PRIMARY	2NDRY	FYPLAN-UNIT
AZ	04	4826	BARRIER FENCE EXT	810J	446J	.7	000J1	81 02
AZ	04	4827	BARRIER CATTLEGUARD	810J	446J	1.0		81 02
AZ	04	4831	DIVIDE TANKS STORAGE	4322	4457	1.0	30000	80 01
AZ	04	4835	HOWELL CANYON SPRING	4322	4457	1.0	00300	82 02
AZ	04	4836	ROUGH MTN SPRING	4333	4457	1.0	00300	82 02

IF ANY OF THESE JOBS HAVE BEEN ABANDONED, PLEASE UPDATE THE FILE USING CURRENT JDR FORMS & INSTRUCTIONS

4. Abandonment Reports. In order to maintain a high quality JDR System and a job data file for "active" jobs, the field office sends Form 1732-1 to D-252, completing only Job Identification data elements (items) No. 1 through 4 for those jobs that should be abandoned. Enter transaction code 4 for item No. 4 to eliminate the job data record from the JDR System.
- a. Job Identification Coding Error(s). A coding error may have occurred in data elements 1 through 4 (Job Control Data) and the error may have occurred either by field office (Completion of Form 1732-1) or by the keypunch processing stage(s). The entire job is abandoned (see Illustration 10). A completion report with all applicable sections compiled should be resubmitted to correct this data entry problem.
- b. Inactive Jobs. Partial data records in the Current Master File that were planned for completion in a prior fiscal year are automatically dropped from the JDR System if a progress (completion) report, transaction code 2, is not received (see Illustration 11). If the job is active or complete, submit a report according to Initial Entry or Progress (Completion) reporting guidance.
5. Maintenance Reports. Immediately following the completion of job maintenance, Form 1732-1 (Illustration 12) is submitted to D-252 to include the maintenance transaction to the historical file for that job. The following data items are to be completed:

<u>Item Number</u>	<u>Item Name</u>
1	State
2	District
3	Job Number (same as original data submission)
4	Transaction Code (enter code 5)
75	Subactivity (enter code for program funding the maintenance costs)
76	Component-Job Code (enter maintenance job code only: 68, 69, 70, or 71)
90	Primary Units >
91	Secondary Units > Coding instructions
92	Fiscal Year > are same as for
93	Third > developing data file.
94	Job Cost >
95	Workmonths >
97	Contributor
98	Contributor Name
99	Contributions - Deposited
100	Contributions - Undeposited (Materials)
101	Contributions - Undeposited (Labor/Equipment)

Note: Completion of item numbers 94 through 101 is optional based on funding party, BLM, other Federal, State, or private.

Illustration 10. Duplicate Records.

REPORT DATE 83/06/71	PCN: M040A	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT JOB DOCUMENTATION REPORTING SYSTEM	PAGE NO 6
JOBS COMPLETED AND MERGED WITH THE HISTORICAL FILE: TRANSFERS ARE THRU: 11706783 DUPLICATE-RECORDS			
THESE 2 JOBS ARE DUPLICATES FOR STATE, DIST AND JOB NUMBER. THE FIRST JOB IS KEPT ON THE HISTORY FILE, THE SECOND IS DROPPED FROM THE JDR SYSTEM. IF SECOND JOB IS GOOD, ASSIGN A NEW JOB NUMBER AND RESUBMIT USING CURRENT JDR FORMS AND INSTRUCTIONS.			
STATE DISTRICT	JOB=NO.	JOB=NAME	SUB=AC CJC PRIMARY 2NDRT FYPLAN=UNIT
AZ 04	4526	KEY CORRAL	0000 4320 0001
AZ 04	4526	TALLY STORAGE	0000 4322 0010 00
---THIS RECORD KEPT ON HISTORY FILE--- ---THIS RECORD DROPPED FROM JDR SYSTEM.---			

Illustration 11. Incomplete Jobs Dropped from the JDR System.

REPORT DATE 83/04/11		PCN:MD40B		UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT JOB DOCUMENTATION REPORTING SYSTEM				
INCOMPLETE JOBS DROPPED FROM THE JDR SYSTEM								
--INCOMPLETE-DATA--								
STATE	DISTRICT	JOB-NO.	JOB-NAME	SUB-AC	CJC	PRIMARY	ZNDRY	FYPLAN-UNIT
UT	05	4442	COYOTE FENCE	8100	4460	11.5		82
UT	05	4447	MCILLIAN SP PL EXT	8100	4457	1.0		82
UT	05	4577	CONGER SP DEVELOPMNT	8100	4457	1.0	J	82
UT	05	4630	DUGGINS BURN & SEED	4322	4455	450.0		82
UT	05	4632	SAGE HOLLOW FENCE	8100	4460	2.0		82
UT	05	4633	TOLBERT FENCE	8100	4460	1.0		82
UT	05	4635	RKY FD-SAGE VY FENCE	8100	4460	1.3		82
UT	05	4636	WEST FISH SP WELL	8100	4457	1.0		82
UT	05	4639	FAYETTE PIPELINE	4322	4457	1.0		82
UT	05	4642	CASS CREEK PIPELINE	8100	4457	1.0		82
UT	05	4643	ROE PINE BENCH CHANG	4322	4455	2400.0	ELJU	82
UT	05	4651	LONE CEDAR FENCES	4322	4460	4.0		82

THE ABOVE JOBS HAVE BEEN DROPPED FROM THE JDR SYSTEM. SEE IVSTR. MEMO DSC052892 FOR RESUBMISSION PROCEDURES

Illustration 12. Maintenance Report.

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JOB DOCUMENTATION REPORT

JOB IDENTIFICATION

1. State (2-3) **AZ** 2. District (4-5) **01**
3. Job Number (6-9) **4573**
4. Transaction Code (10) **5**

I - GENERAL DESCRIPTION Card 1

5. Job Name (11-30)

LOCATION CODES

6. Special Project Code (31-34)
7. Resource Area/Planning Unit (35-38)
8. Subregion (39-42) 9. County (43-45)
10. Watershed Area Number (46-48)
11. Allotment Number (49-52)
12. Wildlife Habitat Area (53-56)
13. Wild Horse/Burro Area Number (57-60)
14. Meridian (61-62)
15. Township (63-67)
16. Range (68-72) 17. Section (73-74)
18. Subdivision (75-78)

SITE AND VEGETATION DESCRIPTION

19. Present SSF (79-80)
20. Percent Slope (81-82)
21. Exposure (83) 22. Soil Texture (84)
23. Precipitation (inches) (85-86)
24. Elevation (feet) (87-91)
25. Vegetation Subtype (92-94)

COMPOSITION (Percent)

26. Grasses (95-96) 27. Forbs (97-98)
28. Browse (99-100)

COVER (Percent)

29. Vegetation (101-102) 30. Litter (103-104)
31. Bare Ground (105-106)

III - ANNUAL WORK PLAN INPUT DATA Card 2

75. Subactivity (11-14) **4322**
76. Component-Job Code (15-18) **4470**

UNITS PLANNED

77. Primary (19-24)
78. Secondary (25-29)

TIME OF AWARD

79. Fiscal Year (30-31) 80. Third (32)

TIME OF COMPLETION

81. Fiscal Year (33-34) 82. Third (35)

BLM COST

83. Method (36)
84. Material (37-41)
85. Contract (42-47)

CONTRIBUTED COST

86. Material (48-52)
87. Labor/Equipment (53-57)

MAINTENANCE

88. Responsibility (58) 89. Cycle (59-61)

III - JOB DETAILS AND BENEFITS Card 3

37. Primary Job Objective (11)

PLANT AND PEST CONTROL

39. Chemical (12) 42. Method (13)
45. Mechanical - Method (14)

ARTIFICIAL REVEGETATION

47. Pounds Seed/Acre (15-17)
48. Seedlings/Acre (18-21)
49. Method (22)
51. AUM's Livestock Forage Added (23-26)
52. Future SSF (27-28)

WATERSHED TILLAGE

54. Method (29)

FACILITIES

55. Type (30) 56. Other Misc. (31)

WATER DEVELOPMENT/CONTROL

59. Type (32-33)
60. Water Filing Number (34-39)
STORAGE (Ac. Ft.) 61. Flood (40-45)
62. Silt (46-51)

WILDLIFE HABITAT DEVELOPMENT/PROTECTION

63. Type (52-53)
64. Primary Species (54-56)
65. Animal Months (57-61)
66. Number Increase (62-66)
67. Pounds Fish Increase (67-71)
68. Rare/Endangered (72)

VISITOR DAYS ADDED

69. Fisherman (73-76)
70. Hunter (77-80)
71. Other (81-84)

IV - PROGRESS REPORT Card 4

COMPLETION DATA

UNITS 90. Primary (11-16) **2**
91. Secondary (17-21)
TIME 92. Fiscal Year (22-23) **81**
93. Third (24) **1**
94. Job Cost (25-30) **200**
95. Work-Months (31-33) **2**

CONTRIBUTION DETAIL

96. Agreement (34) 97. Contributor (35)
98. Contributor's Name (36-55)

CONTRIBUTIONS

99. Deposited (56-60)
UNDEPOSITED 100. Materials (61-65)
101. Labor/Equipment (66-70)

V - DETAIL OF UNITS AND COSTS ESTIMATE ACTUAL

WORK DESCRIPTION AND MATERIALS (a)	UNITS		BLM COSTS		COOPERATOR COSTS	
	EA. MILE, ETC. (b)	COST (c)	MATERIALS (d)	CONTRACT (e)	MATERIALS (f)	LABOR (g)
TOTALS Materials						
Labor/Equipment						

V. General Guidelines to Developing and Maintaining a Job Data File.

The following guidelines are suggested to minimize errors and problems in the JDR System.

- A. Submission of Original Copy. Field office prepares the Form 1732-1 in duplicate. Submission of original form to D-252 is recommended since keypunch errors occur when translating codes entered on reproduced copies.
- B. Transaction Reporting. When reporting initial data entry to initiate a job data file (master file), reporting progress (completion), abandonments or job maintenance, complete only the Job Identification (Job Control) and other appropriate data elements to develop and maintain a complete and accurate job data file for future reference.
- C. Job Data File Subactivities. The JDR System is confined to a data file on individual construction and installation of work practices (jobs) to be accomplished within one subactivity and component job code. These work practices include resource development, protection, and maintenance, including O&C (Oregon and California Grant Lands Funds), contributions, range improvement, and private cooperative (Section 4 or 15) jobs.
- D. ADP Input Data Sections. Sections I, II, III, and IV are input data sections to the development of an automated data management system. Sections V, VI, and VII are for field office documentation for supporting the planned job, preparation of a location plot, and narrative description to further describe the coding in Sections I through IV.
- E. Data Element Coding. When a data element (item) is to be coded, refer to the BLM Manual Section 1732 or the subsequent section on Specific Guidelines. Some data element codes are self-explanatory. Begin alpha codes in far left blocks and numerical codes in far right blocks. Strict observation of placing codes within blocks and decimals to avoid erroneous values will minimize errors.
- F. Section VII - Details. Details in Section VII are often scarce or absent. The narrative description or justification provides additional data for the AWP process and job ranking for funding capability (see Illustration 13).

Illustration 13. Completed Sections VI and VII.

JOB IDENTIFICATION

STATE

ID

DISTRICT

05

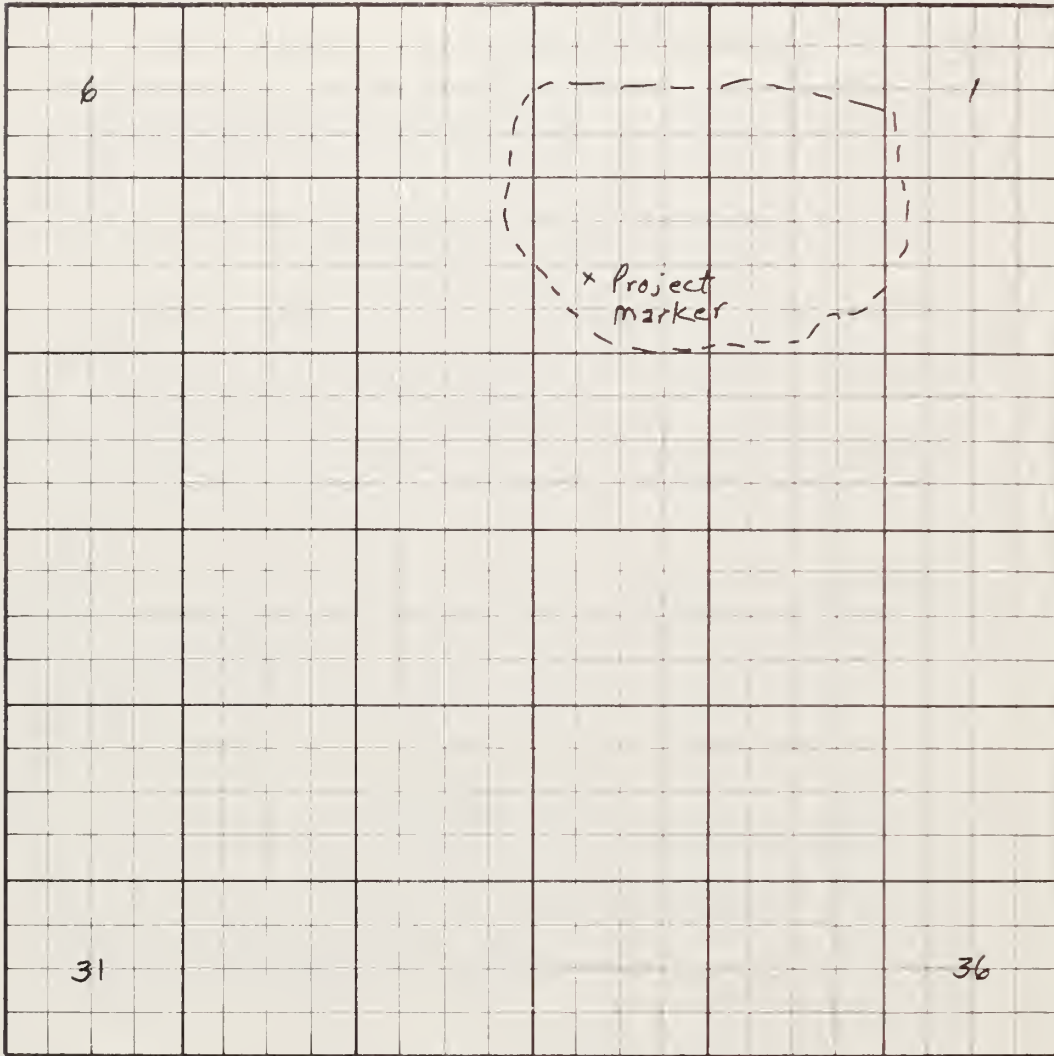
JOB NUMBER

4391

VI - LOCATION PLAT

T 25. R. 23 E.

Scale 1 inch = 1 mile
Meridian B O I S E



VII - NARRATIVE DESCRIPTION OR JUSTIFICATION

Approximately 1800 acres of outlined area, mainly cheatgrass vegetation type, is planned for seeding to establish a perennial grass cover on a site highly susceptible to erosion.

Prepared by

J. Rangelman

Title

Supervisory Range Con.

Date

8/9/79

Approved by

O. D. Jones

Title

District Manager

Date

8/12/79

VI. Specific Guidelines to Developing a Job Data File in the JDR System.
 Data elements not subsequently described are self-explanatory.

A. Job Identification. These four (4) data element codes serve as job control entries for any subsequent data entries.

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>										
1*	State	Record the standard ADP alpha code for the state in which the job is located. See Item 7. <u>Example:</u> CO - Colorado.										
2*	District	Record the standard ADP code numeric code for the District in which the job is located. See Item 7. <u>Example:</u> 05 - Canon City										
3*	Job Number	Record the job number assigned to the job. Numbers are assigned in sequential order by the District Office prior to the time the JDR is submitted as a supplement to the AWP or when completion report is prepared on Range Improvement Permits or Cooperative Agreements. Any number currently in master file (estimate, completion, etc.) cannot be reused until it has been abandoned.										
4	Transaction Code	<table border="0"> <tr> <td>Annual Work Plan Input</td> <td>1</td> </tr> <tr> <td>Progress Report</td> <td>2</td> </tr> <tr> <td>Correction/Carryover</td> <td>3</td> </tr> <tr> <td>Abandonment</td> <td>4</td> </tr> <tr> <td>Maintenance</td> <td>5</td> </tr> </table>	Annual Work Plan Input	1	Progress Report	2	Correction/Carryover	3	Abandonment	4	Maintenance	5
Annual Work Plan Input	1											
Progress Report	2											
Correction/Carryover	3											
Abandonment	4											
Maintenance	5											

* Fatal Error if no entry is made.

Explanation of Above Coding Instructions

AWP INPUT (CODE 1) - Prepare initial report and submit legible copy. Enter Transaction Code 1.

PROGRESS AND COMPLETION (CODE 2) - When job is finished, complete Section IV of original report. On copy being submitted, circle Section IV in red pencil. Complete appropriate entries. Enter Transaction Code 2 in red pencil. (See Illustration 5.)

PRIOR COMPLETION (CODE 2) - For job completed and no prior submission with transaction code 1. Prepare original with Sections I, II, III, and IV completed. On copy being submitted, circle Section No. I, II, III, and IV in red pencil. Use completion FY date in Items 92 and 93. (See Illustration 2 or 3.)

JOB CORRECTION (CODE 3) - Make corrections on original in red pencil or ink. On copy being submitted, circle in red pencil the item number being updated. Enter transaction code 3 for item 4 in red. (See Illustration 6.)

Optional: Make corrections on printout--"Job Documentation Report Edit Error Listing"--by (1) circling item 4 in red pencil [transaction code 3], (2) red-lining erroneous item entry, and (3) entering below erroneous entry the correct entry code. (See Illustrations 6 and 9.)

JOB ABANDONMENT (CODE 4) - Submit machine copy of original. Circle Job Identification Title with red pencil. Enter transaction code 4 in red pencil.

CORRECTION OF JOB ID - To correct job identification of State, District, and/or Job Number, submit abandonment of erroneous job identification. When an error is made on the job identification (Items 1 through 3), a report will be received for the erroneous job identification. (See Illustration 10.) A new JDR must be submitted.

MAINTENANCE REPORT (CODE 5) - To be submitted only after completion of job maintenance. Report is inputted to the JDR system by completing Sections II and IV and using transaction code 5. Input the appropriate Subactivity and Component-Job Code for job maintenance funding (see Illustration 12). See BLM Manual Section 1684 for proper use of maintenance job codes. If complete reconstruction or retreatment is necessary, existing job should be abandoned (transaction code 4) and a new JDR prepared (transaction code 1 or transaction code 2) and assigned a new job number. Refer to BLM manual Section 9104, Facility Maintenance, for general guidance on development of a maintenance program.

- B. General Description - Section I. The appropriate data elements are coded for the initiation of each job data file at the time of initial submission of the JDR. Job data file is established if the transaction code in Item 4 is 1 or 2 for those completed jobs that a data file was not created as portion of AWP process.

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
5*	Job Name	If more than 20 characters, abbreviate.

LOCATION CODES

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
6	Special Project Code	Report job within geographic boundary of current special project areas. <u>Exception:</u> Montana - If job being reported falls within the geographic boundary of a State Grazing District, enter the applicable code.

<u>Names</u>	<u>Code</u>
Areas of Critical Environmental Concern	ACEC
King Range	AK00
California Desert	DE00
Range EIS	NR01, NR02, NR03, etc.
Public Rangeland Improvement Act	PRIA
Colorado Salinity Study	SS00
Case Mountain - California (9400 only)	LW01
Susanville to Westwood Trail - California (9400 only)	LW10
Upper Missouri River (9400 only)	MR00,
Pacific Crest Trail (9400 only)	PC00
Rogue River (9400 only)	RR00
King Range (9400 only)	AR00
Rio Grande (9400 only)	RG00

Refer to AWP Directives for special project names and codes that are deleted or added annually.

* Fatal error if no entry is made.

Item 6 - Cont.

Montana Cooperative State Grazing District

<u>Miles City District</u>	<u>Code</u>
North Prairie	0201
South Prairie	0202
East Custer	0203
Red Buttes	0204
C & B	0205

<u>Lewistown District</u>	<u>Code</u>
Indian Buttes	0601
Crooked Creek	0602
Chain Buttes	0603
Grass Range	0604
Winnett	0605
Williams Coulee	0606
Weede	0607
Flatwillow	0608
Pole Creek	0609
Kilby Butte	0610
North Fork	0611
Cherry Ridge	0612
Lohman	0613
Coal Creek	0614
Wayne Creek	0615
North Phillips	0616
South Phillips	0617
Willow Creek	0618
Buggy Creek	0619
North Valley	0620
Badlands	0621

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
7*	Resource Area/Planning Unit	Record the appropriate code from the list below of the geographic area for the job.

Items 1, 2 and 7

State, District, and Resource Area/Planning Unit

AK-ALASKA

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>01-Anchorage:</u>			
48	PENINSULA	06	KING SALMON
		07	ALEUTIAN
		12	RAINY PASS
68	GLENNALLEN	04	KLUTINA
		05	WRANGELL MOUNTAIN
78	MCGRATH	10	BETHEL
		11	LOWER YUKON
<u>02-Fairbanks:</u>			
58	ARCTIC-KOBUK	04	WHITE MOUNTAIN
		07	FORT YUKON
		08	KANTISHNA
		09	CHANDOLAR
		10	ANAKTUVUK
		12	BONNIFIELD
		14	CORRIDOR
68	DELTA	05	FORTY MILE
		06	RAPIDS
		11	NORTHWAY
78	YUKON	01	BORNITE
		02	SEWARD PENINSULA
		03	WALKER LAKE
		13	KOYUKUK

* Fatal error if no entry is made.

Items 1, 2, and 7 - (Cont.)

AZ-ARIZONA

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>01-Arizona Strip:</u>			
48	SHIVWITS	01	GRAND WASH
		04	DELLENBAUGH
58	VERMILLION	02	ANTELOPE
		03	COCONINO
		05	GLEN CANYON
<u>02-Phoenix:</u>			
48	PHOENIX	14	BLACK CANYON
		15	APACHE-NAVAJO
		16	SILVER BELL
		17	MIDDLE GILA
		18	CENTRAL ARIZONA
58	KINGMAN	01	HUALAPI
		02	LITTLE COLORADO
		03	CERBAT MOUNTAINS
		05	AQUARIUS
68	LOWER GILA	06	HARCUVAR
		07	SKULL VALLEY
		08	KOFA
		09	LITTLE HORN
		10	VULTURE
		11	GREEN BELT
		12	RAINBOW
		13	AJO
<u>04-Safford:</u>			
48	GILA	04	SAN PEDRO
		05	WINKLEMEN
		06	GERONIMO
58	SAN SIMON	01	BLACK HILLS
		02	SAN SIMON
		03	COCHISE

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>05-Yuma:</u>			
54	HAVASU	01	HAVASU
58	YUMA	02	LA PAZ
		03	YUMA
 <u>CA-CALIFORNIA</u>			
<u>01-Bakersfield:</u>			
68	CALIENTE	01	POTPOURRI
		02	CALIENTE-TEMBLO
		03	KAWEAH
		04	KERN RIVER
78	BISHOP	13	OWENS VALLEY
		14	BENTON
		15	BODIE
		16	COLEVILLE
88	FOLSOM	05	AMADOR-CALAVERAS
		06	SOUTH BAY
		07	PLACER-EL DORADO
		08	YUBA-NEVEDA
		09	SACRAMENTO VALLEY
		10	TULOUMNE-MARIPOSA
98	HOLLISTER	17	FRESNO-SAN BENITO
		18	MONTEREY
		19	CENTRAL SAN JUAQUIN
 <u>02-Susanville:</u>			
48	EAGLE LAKE	04	WILLOW CREEK
		05	HONEY LAKE
		06	BECKWOURTH
		07	CAL NEVA
58	ALTURAS	01	ALTURAS
		02	HAYDEN HILL
		03	MADLINE

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>02-Susanville:</u>			
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
68	SURPRISE	08	TULEDAD
		09	HOME CAMP
		10	MASSACRE
		11	COWHEAD
		12	SHELDON
 <u>03-Redding:</u>			
48	SISKIYOU*	01	MOUNTAIN DOME*
		02	MIDDLE KLAMATH
		03	SCOTT VALLEY
58	FOUR RIVERS*	04	TRINITY
		05	CLEAR CREEK
		06	SHASTA
		07	CINDER CONE*
68	ISHI	08	FEATHER RIVER**
		09	YOLLY BOLLY***
 <u>05-Ukiah:</u>			
48	NORTH COAST	01	KING RANGE
		02	HUMBOLT
		03	RED MOUNTAIN
		04	MAD RIVER
58	MENDOCINO	05	EAST MENDOCINO***
		06	COW MOUNTAIN***
		07	RUSSIAN RIVER***
68	CLEAR LAKE	08	EAST LAKE
		09	PUTAH CREEK
		10	VALLEJO

* Transferred to Susanville (02) District.

** Transferred to Ukiah (05) District.

*** Transferred to Clear Lake (68) Resource Area.

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>06-Desert:</u>			
58	RIDGECREST	25	ANTELOPE VALLEY
		26	EL PASO
		27	DARWIN
		28	PANAMINT
		30	SALINE VALLEY
		31	EUREKA VALLEY
68	INDIO	16	SANTA ROSA
		17	OROCOPIA
		18	PALEN
		19	BIG MARIA
78	EL CENTRO	20	YUHA
		21	SALTON SEA
		22	IMPERIAL
		23	PICACHO
		24	MC CAIN VALLEY
88	BARSTOW	01	RED MOUNTAIN
		02	CALICO
		03	KRAMER
		04	STODDARD
		05	JOHNSON-MORONGO
		06	TWENTYNINE PALMS
		07	OWLS HEAD
		29	AMARGOSA
98	NEEDLES	08	KINGSTON
		09	MOJAVE BASIN
		10	DEVILS PLAYGROUND
		11	MID HILLS
		12	PIUTE
		13	BRISTOL-CADIZ
		14	TURTLE MOUNTAIN
		15	WHIPPLE MOUNTAINS

Items 1, 2, and 7 - (Cont.)

CO-COLORADO

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>01-Craig:</u>			
48	LITTLE SNAKE	01	GREAT DIVIDE
		02	NIPPLE RIM
		03	BROWNS PARK
		04	MAYBELL
		05	WILLIAMS FORK
68	WHITE RIVER	06	MEEKER
		07	RANGELY
		08	PICEANCE BASIN
78	KREMMLING	09	NORTH PARK
		10	MIDDLE PARK
		11	HOT SULPHUR
		12	GRANBY
<u>03-Montrose:</u>			
48	UNCOMPAGHRE BASIN	01	ESCALANTE
		02	NORTH FORK
		03	GUNNISON GORGE
		04	CIMARRON
68	GUNNISON BASIN	05	AMERICAN FLATS
		06	BLUE MESA
		07	CEBOLLA-POWDERHORN
		08	SAPINERO
		09	COCHETOPA
		10	CRESTED BUTTE
78	SAN MIGUEL	11	DOLORES
		12	LONE CONE
88	SAN JUAN	11	DOLORES
		13	SACRED MOUNTAIN
		14	DURANGO
		15	CHROMO
		16	SILVERTON

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>05-Canon City:</u>			
48	SAN LUIS	04	SAGUACHE
		05	CONEJOS
		06	TERRACE
		11	BLANCA
		12	SAN LUIS
58	ROYAL GORGE	01	ARKANSAS CANYON
		02	UPPER ARKANSAS
		03	PHANTOM CANYON
		07	SOUTH PARK
		08	COLLEGIATE
		09	GREENHORN
		10	HUERFANO
		13	EASTERN PLAINS
		19	FOUNTAIN CREEK
		20	TRINIDAD
68	NORTHEAST	14	FRONT RANGE
		15	PAWNEE
		16	SAND HILLS
		17	BIG SANDY
		18	DENVER BASIN
<u>07-Grand Junction:</u>			
68	GRAND JUNCTION	01	GLADE PARK
		02	KANNAH CREEK
		03	DOMINGUEZ
		04	GATEWAY
		05	MOUNT GARFIELD
		06	BAXTER-DOUGLAS
		07	DEBEQUE
		08	COLLBRAN
88	GLENWOOD SPRINGS	09	RIFLE
		10	ROARING FORK
		11	EAGLE

Items 1, 2, and 7 - (Cont.)

ID-IDAHO

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>01-Boise:</u>			
48	CASCADE	02	BOISE FRONT
		05	BLACK CANYON
		08	CRANE CREEK
		10	MC CALL
		12	MERIDIAN
58	OWYHEE	06	OWYHEE
		04	KUNA
68	BRUNEAU	11	BRUNEAU
78	JARBIDGE	01	SAYLOR CREEK
		07	JARBIDGE
		09	BENNETT MOUNTAIN
<u>02-Burley:</u>			
48	MAGIC	01	TWIN FALLS
		02	WEST CASSIA
58	RAFT RIVER	03	COTTERELL
		04	SUBLETT
68	BANNOCK-ONEIDA	05	CURLEW
		06	MALAD HILLS
		07	ROY-ARBON
		08	POCATELLO
<u>03-Idaho Falls:</u>			
48	BIG BUTTE	01	BIG LOST
		02	LOST-BIRCH CREEK
		03	BIG DESERT
58	MEDICINE LODGE	04	SNAKE RIVER
		05	CAMAS-LITTLE GRASSY
		06	MEDICINE LODGE

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>03-Idaho Falls: (Cont.)</u>			
78	SODA SPRINGS	07	BEAR LAKE
		08	CARIBOU
<u>04-Salmon:</u>			
48	PAHSIMEROI	04	ELLIS
		05	PAHSIMEROI
58	CHALLIS-MACKAY	06	CHALLIS
		07	MACKAY
68	LEMHI	01	SALMON
		02	LEMHI
		03	GILMORE
<u>05-Shoshone:</u>			
48	MONUMENT	02	SUN VALLEY
		03	MULDOON
		05	MAGIC
		06	TIMMERMAN
		07	WILDHORSE
		11	SCHODDE
		12	MINIDOKA
68	BENNETT HILLS	01	NORTH CAMAS
		04	BENNETT HILLS
		09	WENDELL
		10	CANYON
<u>06-Coeur d'Alene:</u>			
48	EMERALD EMPIRE	01	EMERALD EMPIRE
58	COTTONWOOD	02	CHIEF JOSEPH

Items 1, 2, and 7 - (Cont.)

MT-MONTANA

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>02-Miles City:</u>			
48	BIG DRY	01	MUSSELSHELL
		02	HAXBY
		03	MC CONE
		04	NORTH ROSEBUD
		05	KINSEY
		06	JORDAN
		07	CIRCLE
		14	NORTH PRAIRIE
		15	SOUTH PRAIRIE
		16	BAKER
		17	RICHLAND-GLENDIVE
		19	WIBAUX
78	POWDER RIVER	08	BOXELDER
		09	CUSTER
		10	COALWOOD
		11	EKALAKA
		12	SOUTH ROSEBUD
		13	DECKER-BIRNEY
		29	TREASURE
88*	SOUTH DAKOTA	22	BIG BEND
		23	NEWELL
		24	CENTER-O-NATION
		25	EAST MEADE
		26	EXEMPTION
		27	WEST RIVER
		28	EAST RIVER
<u>03-Dickenson:</u>			
48	WEST RIVER	01	MERCER
		02	DUNN
		03	STARK
		04	BILLINGS
		05	SLOPE
		06	BOWMAN

* District Code = 92 (Historical JDR File).

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>03-Dickenson:</u> (Cont.)			
48	WEST RIVER (Cont.)	07	HETTINGER
		08	ADAMS
		09	GOLDEN VALLEY
		10	MORTON
		11	GRANT
		12	MCKENZIE
		13	MCLEAN
		14	BURLEIGH
		15	SIOUX
		16	OLIVER
58	EAST RIVER	20	WILLIAMS
		21	DIVIDE
		22	BURKE
		23	RENVILLE
		24	BOTTINEAUX
		25	MCHENRY
		26	WARD
		27	MOUNTRAIL
		28	SHERIDAN
		29	NORTH DAKOTA EAST
<u>06-Lewistown:</u>			
48	VALLEY	01	OPHEIM
		02	ROCK CREEK
		03	GRASSLAND
		04	GLASGOW
		05	SAGEHEN
		06	WILLOW CREEK
		20	MEDICINE LAKE
58	PHILLIPS	07	WHITEWATER
		08	BIG BEND
		09	ALKALI
		10	BEAVER CREEK
		11	UL BEND
		12	LITTLE ROCKIES
		13	ZORTMAN

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>06-Lewistown: (Cont.)</u>			
68	HAVRE	15	BIG FLAT
		16	CHINOOK
		17	CHIEF JOSEPH
		18	SOUTH BEARPAW
		19	TRIANGLE
78*	BILLINGS	21	BIGHORN
		22	RED LODGE
		23	YELLOWSTONE
		24	WEST MUSSELSHELL
		25	BULL MOUNTAINS
88	JUDITH	26	PETROLEUM
		27	BELT MOUNTAINS
		28	FERGUS
<u>07-Butte</u>			
48	GARNET	01	BLACKFOOT
		02	HOODOO
		03	PHILLIPSBURG
		04	SALMON LAKE
		05	AVON
58	HEADWATERS	06	EAST SLOPE
		07	GATES OF THE MOUNTAIN
		08	MARYSVILLE
		09	JEFFERSON
		10	BROADWATER
		11	THREE FORKS
		12	TETON RIVER
		13	CASCADE
		14	MEAGHER
		15	PARK
68	DILLON	16	ROCHESTER
		17	MADISON RIVER
		18	RUBY RIVER
		19	DILLON WEST
		20	TENDRY MOUNTAINS
		21	BLACKTAIL
		22	CENTENNIAL
		23	BIG HOLE

* Transfer to Miles City (02) District.

Items 1, 2, and 7 - (Cont.)

NM-NEW MEXICO

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>01-Albuquerque:</u>			
58	FARMINGTON	05	SAN JUAN
		06	CHACO
68	RIO PUERCO	03	CABEZON
		04	MALPAIS
78	TAOS	01	RIO GRANDE
		02	NORTHEAST
88	OKLAHOMA	07	OKLAHOMA
		08	SOUTHEAST OKLAHOMA
<u>02-Socorro:</u>			
48*	SAN AUGUSTINE	01	QUEMADO
		03	MALPAIS
		04	DRIVEWAY
58**	JORNADO	02	LADRON
		05	STALLION
<u>03-Las Cruces:</u>			
78	LORDSBURG	01	GILA
		02	HERMANAS
		03	LAS UVAS
		04	GRANT
		05	ORGAN MOUNTAIN
88	WHITE SANDS	06	CABALLO
		07	ALAMOGORDO
		08	MC GREGOR
		09	MESA
<u>06-Roswell:</u>			
48	ROSWELL	01	LLANO
		02	PECOS
		03	LINCOLN
		04	WEST CHAVES
		05	EAST CHAVES

* Cibola and Valencia counties transferred to Albuquerque (01) District.

** Transfer to Las Cruces (03) District.

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>06-Roswell:</u> (Cont.)			
58	CARLSBAD	06	LEA
		07	EAST EDDY
		08	WEST EDDY
		09	SOUTHWEST CHAVES
 <u>NV-NEVADA</u>			
<u>01-Elko:</u>			
48	ELKO	01	TUSCARORA
		02	NORTH FORK
		05	BUCKHORN
58	WELLS	03	CONTACT
		04	CURRIE
 <u>02-Winnemucca:</u>			
48	PARADISE-DENIO	01	PARADISE
		02	DENIO
68	SONOMA-GERLACH	03	BUFFALO HILLS
		04	BLUE WING
		05	SONOMA
 <u>03-Carson City:</u>			
48	LAHONTAN	01	CLAN ALPINE
		02	EAST CHURCHILL
		06	PYRAMID
		21	LONG VALLEY
58	WALKER	03	WALKER
		04	MINA
		05	PINE NUT
		20	BODIE
		22	MARKLEEVILLE
		23	COLEVILLE
 <u>04-Ely:</u>			
68	SCHELL	01	MORIAH
		10	WHITE RIVER
		11	LAKE VALLEY
		12	WILSON CREEK

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>04-Ely: (Cont.)</u>			
78	EGAN	04	STEPTOE
		05	BUTTE
		06	NEWARK
		07	DUCKWATER
		08	PRESTON-LUND
		09	HORSE-CATTLE CAMP
 <u>05-Las Vegas:</u>			
48	STATELINE-ESMERALDA	03	ESMERALDA
		04	STATELINE
		05	MUSTANG RANGE
		06	WITHDRAWAL
58	CALIENTE-VIRGIN VALLEY	01	CALIENTE
		02	VIRGIN VALLEY
 <u>06-Battle Mountain:</u>			
48	SHOSHONE-EUREKA	01	CORTEZ
		02	MOUNT AIRY
		03	PONY EXPRESS
		04	DEVILS GATE
58	TONOPAH	05	MANHATTAN
		06	TYBO
		07	CRATER
 <u>OR-OREGON</u>			
<u>01-Lakeview:</u>			
48	LOST RIVER	08	LOST RIVER
		13	LAKEVIEW
58	WARNER LAKE	02	SOUTH WARNER
		05	NORTH WARNER
		06	BEATYS BUTTE
		10	LITTLE JUNIPER

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>01-Lakeview:</u> (Cont.)			
68	HIGH DESERT	01	CHRISTMAS LAKE
		04	PAISLEY
		07	SILVER LAKE
		09	FORT ROCK
		11	SUMMER LAKE
		12	CHRISTMAS VALLEY
 <u>02-Burns:</u>			
48	JOHN DAY	15	JOHN DAY
58	DREWSEY	01	DREWSEY
68	ANDREWS	08	ANDREWS
78	RILEY	02	RILEY
 <u>03-Vale:</u>			
48	NORTHERN MALHEUR	01	NORTH MALHEUR
58	SOUTHERN MALHEUR	02	SOUTH MALHEUR
 <u>05-Prineville:</u>			
48	CENTRAL OREGON	03	UPPER CROOKED RIVER
		04	LAPINE
		07	LOWER DESCHUTES
		10	LOWER JOHN DAY
		11	FOSSIL
68	DESCHUTES	01	BROTHERS
		05	PRINEVILLE & VICINITY
		09	UPPER DESCHUTES
 <u>06-Baker:*</u>			
58	BAKER	01	BAKER
68	GRANDE RONDE	04	GRANDE RONDE
		06	BLUE MOUNTAIN

* Transfer to Vale (03) District.

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>08-Salem:</u>			
48	SANTIAM	07	SANTIAM
58	ALSEA	05	ALSEA
68	TILLAMOOK	01	COLUMBIA
		02	NESTUCCA
78	YAMHILL	03	WILLAMINA
		04	RICKREALL
88	CLACKAMAS	06	CLACKAMAS
<u>09-Eugene:</u>			
48	NOTI	04	NOTI
58	DORENA	02	DORENA
68	MOHAWK	01	MOHAWK
78	LORANE	03	LORANE
<u>10-Roseburg:</u>			
48	NORTH UMPQUA	01	NORTH UMPQUA
58	SOUTH UMPQUA	04	SOUTH UMPQUA
68	DILLARD	03	DILLARD
78	DRAIN	02	DRAIN
<u>11-Medford:</u>			
48	KLAMATH	02	KLAMATH
58	BUTTE FALLS	01	BUTTE FALLS
68	ROGUE RIVER	03	ROGUE RIVER
78	GRANTS PASS	04	GRANTS PASS

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>11-Medford:</u> (Cont.)			
88	GLENDALE	06	GLENDALE
98	GALICE	05	GALICE
<u>12-Coos Bay:</u>			
48	SMITH-UMPQUA	01	SMITH-UMPQUA
58	LOON LAKE	02	LOON LAKE
68	COOS RIVER	03	COOS RIVER
78	BURNT MOUNTAIN	04	BURNT MOUNTAIN
88	MYRTLEWOOD	05	MYRTLEWOOD
		06	CURRY
<u>OR-WASHINGTON</u>			
<u>13-Spokane:</u>			
48	BASIN	02	CHELAN
		03	DOUGLAS
		07	LINCOLN
		08	GRANT
		09	ADAMS
		10	KITTITAS
		11	YAKIMA
		12	KLICKITAT
		13	BENTON
		14	FRANKLIN
		15	WHITMAN
		16	WALLA WALLA
		17	COLUMBIA
		18	GARFIELD
		19	ASOTIN
58	BORDER	01	OKANOGAN
		04	FERRY
		05	STEVENS
		06	PEND OREILLE

Items 1, 2, and 7 - (Cont.)

UT-UTAH

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>02-Salt Lake City:</u>			
48	PONY EXPRESS	06	GOLD HILL
		09	SKULL VALLEY LAKESIDE
		10	PARK CITY
		11	ONAQUI-OQUIRRH
		12	MANILA
		13	COALVILLE
		14	UTAH LAKE
58	BEAR RIVER	01	RANDOLPH
		02	PARK VALLEY
		03	PROMONTORY
		04	GROUSE CREEK
		05	SALT FLATS
<u>04-Cedar City:</u>			
48	BEAVER RIVER	01	BEAVER
		02	CEDAR
		04	PINYON
58	DIXIE	05	VIRGIN RIVER
68	KANAB	12	VERMILION CLIFFS
		13	GARFIELD
		14	PARIA
		16	ZION
88	ESCALANTE	15	ESCALANTE RIVER
<u>05-Richfield:</u>			
48	HOUSE RANGE	15	TINTIC
		18	TOPAZ
58	WARM SPRINGS	13	CONFUSION
		16	WARM SPRINGS
68	SEVIER RIVER	02	NORTH SEVIER
		04	FORREST
		08	PIUTE
		17	SANPETE

6, 7, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>05-Richfield: (Cont.)</u>			
78	HENRY MOUNTAIN	01	HENRY MOUNTAIN
		07	PARKER MOUNTAIN
		09	UNDER THE LEDGES
<u>06-Moab:</u>			
48	PRICE RIVER	11	WATTIS
		12	PRICE RIVER
		14	RANGE CREEK
		19	SUMMERVILLE
58	SAN RAFAEL	10	ROBBERS ROOST
		15	HUNTINGTON
		17	MUDDY
		18	SINBAD
		20	LAST CHANCE
68	GRAND	01	BOOK MOUNTAIN
		03	DOLORES
		04	FLAT-SQUAW PEAK
		05	CASTLE VALLEY
		06	DRY VALLEY
78	SAN JUAN	02	MONTICELLO
		07	BEEF BASIN
		08	SOUTH SAN JUAN
		09	MONTEZUMA
<u>08-Vernal:</u>			
48	DIAMOND MOUNTAIN	01	THREE CORNERS
		02	ASHLEY CREEK
		06	DUCHESNE
58	BOOKCLIFFS	04	BONANZA
		07	SEEP RIDGE

Items 1, 2, and 7 - (Cont.)

WY-WYOMING

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>01-Worland:</u>			
48	CODY	18	CODY
58	WASHAKIE	19	WASHAKIE
68	GRASS CREEK	20	GRASS CREEK
<u>03-Rawlins:</u>			
48	DIVIDE	23	SEVEN LAKES
		35	DIVIDE BASIN
58	MEDICINE BOW	25	SHIRLEY
		26	HANNA
		27	ALBANY
		28	LARAMIE
68	LANDER	29	MONETA
		30	SWEETWATER
		31	DUBOIS
78	OVERLAND	24	OVERLAND
<u>04-Rock Springs:</u>			
48	BIG SANDY	34	BIG SANDY
58	KEMMERER	26	PIONEER TRAILS
		27	STAR VALLEY
68	PINEDALE	28	SUBLETTE
		29	SNAKE RIVER
78	SALT WELLS	25	SALT WELLS

Items 1, 2, and 7 - (Cont.)

<u>RESOURCE AREA</u>		<u>PLANNING UNIT</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>
<u>06-Casper:</u>			
48	PLATTE RIVER	09	NATRONA
		10	CONVERSE
		11	PLATTE
		12	GOSHEN
58	BUFFALO	13	SHERIDAN
		14	JOHNSON
		15	CAMPBELL
68	NEWCASTLE	16	CROOK
		17	WESTON
		18	NIOBRARA
		19	KANSAS
		20	NEBRASKA

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
8*	Subregion	Enter a two-character code for hydrologic region and a two-character code for hydrologic subregion. The code appears on the hydrologic unit map published by USGS. Record the code from the list below or refer to Map No. 1, "Accounting Units of the National Water Data Network."

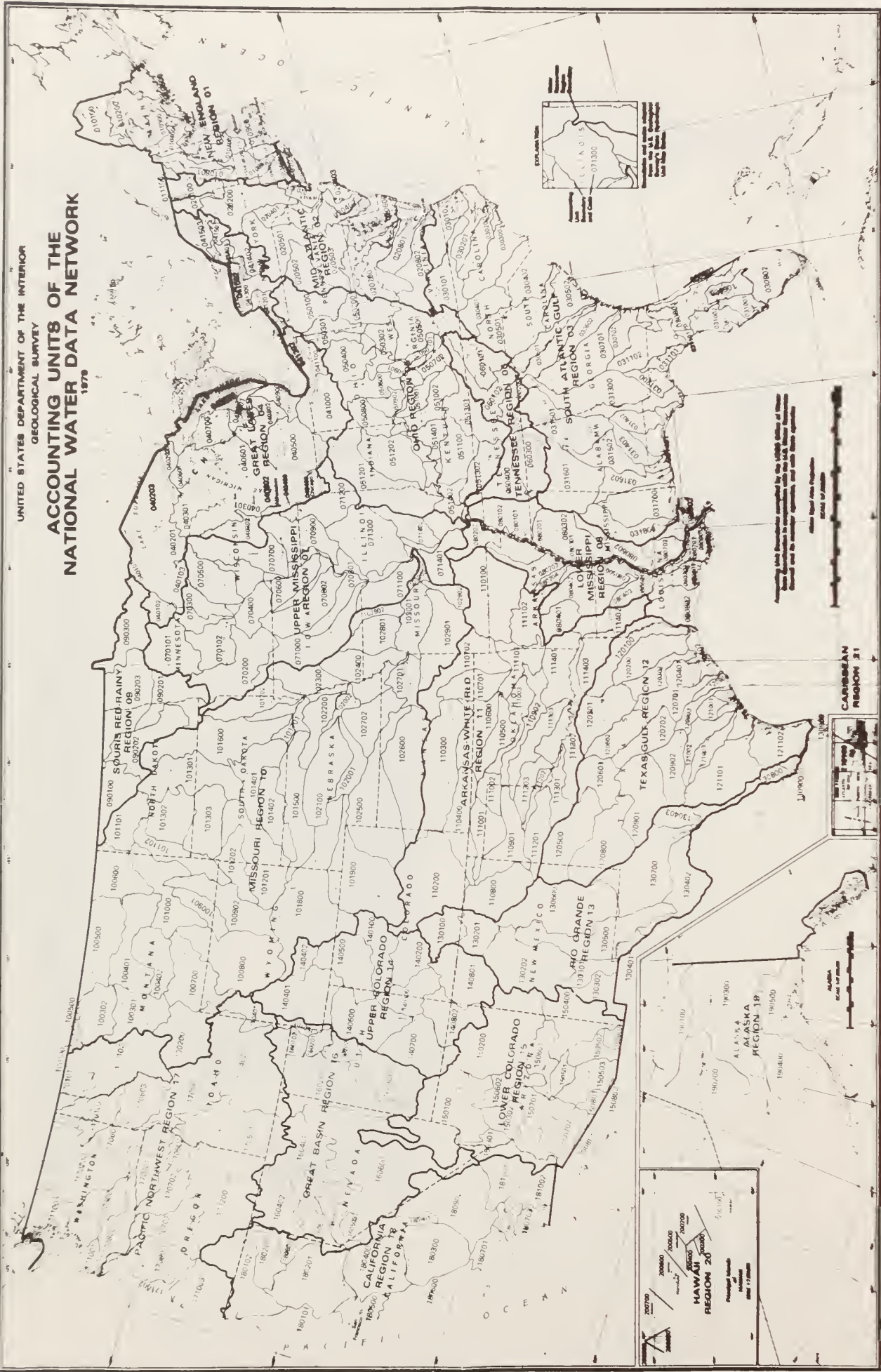
Item 8

Hydrologic Region and Subregion Codes

<u>Region Name</u>	<u>Code</u>	<u>Subregion Name</u>	<u>Code</u>
Missouri Basin	10	Saskatchewan	01
		Missouri Headwaters	02
		Missouri-Marias	03
		Missouri-Musselshell	04
		Milk	05
		Missouri-Poplar	06
		Upper Yellowstone	07
		Big Horn	08
		Powder-Tongue	09
		Lower Yellowstone	10
		Missouri-Little Missouri	11
		Cheyenne	12
		Missouri-Oahe	13
		Missouri-White	14
		Niobrara	15
		James	16
		Missouri-Big Sioux	17
		North Platte	18
		South Platte	19
		Platte	20
		Loup	21
		Elkhorn	22
		Upper Middle Missouri	23
		Lower Middle Missouri	24
		Republican	25
		Smoky Hill	26
		Kansas	27
		Chariton-Grand	28
		Gasconade-Osage	29
		Lower Missouri	30

* Fatal error if no entry is made.

Map No. 1. Accounting Units of the National Water Data Network.



Note: Use only the first 4 characters of 6 character code shown for each accounting unit.

Item 8 (Cont.)

<u>Region Name</u>	<u>Code</u>	<u>Subregion Name</u>	<u>Code</u>
Arkansas - Red-White	11	White	01
		Upper Arkansas	02
		Middle Arkansas	03
		Upper Cimarron	04
		Lower Cimarron	05
		Arkansas-Keystone	06
		Neosho-Verdigris	07
		Upper Canadian	08
		Lower Canadian	09
		North Canadian	10
		Lower Arkansas	11
		Red Headwaters	12
		Red-Washita	13
		Lower Red	14
Texas - Gulf	12	Brazos Headwaters	05
		Colorado Headwaters	08
Rio Grande	13	Rio Grande Headwaters	01
		Upper Rio Grande- Elephant Butte	02
		Rio Grande-Mimbres	03
		Rio Grande-Amistad	04
		Rio Grande Closed Basin	05
		Upper Pecos	06
		Lower Pecos	07
Upper Colorado	14	Colorado Headwaters	01
		Gunnison	02
		Middle Upper Colorado	03
		Great Divide-Upper Green	04
		White-Yampa	05
		Lower Green	06
		Lower Upper Colorado	07
		San Juan	08
Lower Colorado	15	Colorado-Lake Mead	01
		Little Colorado	02
		Lower Colorado	03
		Upper Gila	04
		Middle Gila	05
		Salt	06
		Lower Gila	07
		Sonora	08

Item 8 (Cont.)

<u>Region Name</u>	<u>Code</u>	<u>Subregion Name</u>	<u>Code</u>
Great Basin	16	Bear	01
		Great Salt Lake	02
		Escalante Desert-Sevier Lake	03
		Black Rock Desert- Humboldt	04
		Central Lahontan	05
		Tonopah Desert	06
		Pacific Northwest	17
Upper Columbia	02		
Yakima	03		
Upper Snake	04		
Central Snake	05		
Lower Snake	06		
Middle Columbia	07		
Lower Columbia	08		
Willamette	09		
Oregon-Washington Coastal	10		
Puget Sound	11		
Oregon Closed Basins	12		
California	18	Klamath-North Coastal	01
		Sacramento	02
		Tulare Lake	03
		San Joaquin	04
		San Francisco Bay	05
		Central Coastal	06
		South Coastal	07
		North Lahontan	08
		South Lahontan	09
		Southern Mojave-Salton Trough	10
Alaska	19	Arctic Slope	01
		Northwest Alaska	02
		Yukon	03
		Southwest Alaska	04
		South Central Alaska	05
		Southeast Alaska	06

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
9*	County	Record the code from the list below. If a job is in two counties, record county that contains the majority of units involved.

Item 9

County Codes

<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
Alaska	AK	Bristol Bay	809
		Fairbanks - A Star	818
		Anchorage	827
		Juneau	836
		Sitka	845
		Haines	854
		Kenai Peninsula	863
		Ketchikan Gt	872
		Kodiak Island	881
		Matanuska - Su	891
		North Slope	895
Unorganized	999		
Arizona	AZ	Apache	001
		Cochise	003
		Coconino	005
		Gila	007
		Graham	009
		Greenlee	011
		Maricopa	013
		Mohave	015
		Navajo	017
		Pima	019
		Pinal	021
		Santa Cruz	023
		Yavapai	025
Yuma	027		

* Fatal error if no entry is made.

Item 9 - (Cont.)

<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
California	CA	Alameda	001
		Alpine	003
		Amador	005
		Butte	007
		Calaveras	009
		Colusa	011
		Contra Costa	013
		Del Norte	015
		Eldorado	017
		Fresno	019
		Glenn	021
		Humboldt	023
		Imperial	025
		Inyo	027
		Kern	029
		Kings	031
		Lake	033
		Lassen	035
		Los Angeles	037
		Madera	039
		Mariposa	043
		Mendocino	045
		Merced	047
		Modoc	049
		Mono	051
		Monterey	053
		Napa	055
		Nevada	057
		Orange	059
		Placer	061
		Plumas	063
		Riverside	065
		Sacramento	067
		San Benito	069
		San Bernardino	071
		San Diego	073
		San Luis Obispo	079
		San Mateo	081
		Santa Barbara	083
		Santa Clara	085
		Santa Cruz	087
		Shasta	089
		Sierra	091
		Siskiyou	093
		Solano	095

Item 9 - (Cont.)

<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
California	CA	Sonoma	097
		Stanislaus	099
		Tehama	103
		Trinity	105
		Tulare	107
		Tuolumne	109
		Ventura	111
		Yolo	113
		Yuba	115
		Colorado	CO
Alamosa	003		
Arapahoe	005		
Archuleta	007		
Baca	009		
Bent	011		
Boulder	013		
Chaffee	015		
Cheyenne	017		
Clear Creek	019		
Conejos	021		
Costilla	023		
Crowley	025		
Custer	027		
Delta	029		
Denver	031		
Dolores	033		
Douglas	035		
Eagle	037		
Elbert	039		
El Paso	041		
Fremont	043		
Garfield	045		
Gilpin	047		
Grand	049		
Gunnison	051		
Hinsdale	053		
Huerfano	055		
Jackson	057		

Item 9 - (Cont.)

<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
Colorado	CO	Jefferson	059
		Kiowa	061
		Kit Carson	063
		Lake	065
		La Plata	067
		Larimer	069
		Las Animas	071
		Lincoln	073
		Logan	075
		Mesa	077
		Mineral	079
		Moffat	081
		Montezuma	083
		Montrose	085
		Morgan	087
		Otero	089
		Ouray	091
		Park	093
		Phillips	095
		Pitkin	097
		Prowers	099
		Pueblo	101
		Rio Blanco	103
		Rio Grande	105
		Routt	107
		Saguache	109
		San Juan	111
		San Miguel	113
		Sedgwick	115
		Summit	117
		Teller	119
		Washington	121
Weld	123		
Yuma	125		
Idaho	ID	Ada	001
		Adams	003
		Bannock	005
		Bear Lake	007
		Benewah	009
		Bingham	011

Item 9 - (Cont.)

<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
Idaho - cont.	ID	Blaine	013
		Boise	015
		Bonner	017
		Bonneville	019
		Boundary	021
		Butte	023
		Camas	025
		Canyon	027
		Caribou	029
		Cassia	031
		Clark	033
		Clearwater	035
		Custer	037
		Elmore	039
		Franklin	041
		Fremont	043
		Gem	045
		Gooding	047
		Idaho	049
		Jefferson	051
		Jerome	053
		Kootenai	055
		Latah	057
		Lemhi	059
		Lewis	061
		Lincoln	063
		Madison	065
		Minidoka	067
		Nez Perce	069
		Oneida	071
		Owyhee	073
		Payette	075
		Powder	077
		Shoshone	079
		Teton	081
		Twin Falls	083
		Valley	085
		Washington	087

Item 9 - (Cont.)

<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
Montana	MT	Beaverhead	001
		Big Horn	003
		Blaine	005
		Broadwater	007
		Carbon	009
		Carter	011
		Cascade	013
		Chouteau	015
		Custer	017
		Daniels	019
		Dawson	021
		Deer Lodge	023
		Fallon	025
		Fergus	027
		Gallatin	031
		Garfield	033
		Glacier	035
		Golden Valley	037
		Granite	039
		Hill	041
		Jefferson	043
		Judith Basin	045
		Lewis and Clark	049
		Liberty	051
		Lincoln	053
		McCone	055
		Madison	057
		Meagher	059
		Missoula	063
		Musselshell	065
		Park	067
		Petroleum	069
		Phillips	071
		Pondera	073
		Powder River	075
		Powell	077
		Prairie	079
		Ravalli	081
		Richland	083
		Roosevelt	085
		Rosebud	087
		Sheridan	091
		Silver Bow	093

Item 9 - (Cont.)

<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
Montana	MT	Silver Bow	093
		Stillwater	095
		Sweet Grass	097
		Teton	099
		Toole	101
		Treasure	103
		Valley	105
		Wheatland	107
		Wibaux	109
		Yellowstone	111
		Yellowstone Park	113
		Nevada	NV
Clark	003		
Douglas	005		
Elko	007		
Esmeralda	009		
Eureka	011		
Humboldt	013		
Lander	015		
Lincoln	017		
Lyon	019		
Mineral	021		
Nye	023		
Pershing	027		
Storey	029		
Washoe	031		
White Pine	033		
Carson	510		

Item 9 - (Cont.)

<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
New Mexico	NM	Bernalillo	001
		Catron	003
		Chavez	005
		Cibola	006
		Colfax	007
		Curry	009
		De Baca	011
		Dona Ana	013
		Eddy	015
		Grant	017
		Guadalupe	019
		Harding	021
		Hidalgo	023
		Lea	025
		Lincoln	027
		Los Alamos	028
		Luna	029
		McKinley	031
		Mora	033
		Otero	035
		Quay	037
		Rio Arriba	039
		Roosevelt	041
		Sandoval	043
		San Juan	045
		San Miguel	047
		Santa Fe	049
		Sierra	051
		Socorro	053
		Taos	055
		Torrance	057
		Union	059
		Valencia	061
North Dakota	ND	Adams	001
		Barnes	003
		Benson	005
		Billings	007
		Bowman	011
		Burleigh	015
		Cavalier	019
		Divide	023
		Dunn	025
		Eddy	027
		Emmons	029

Item 9 - (Cont.)

<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
North Dakota	ND	Golden Valley	033
		Grand Forks	035
		Grant	037
		Kidder	043
		Logan	047
		McHenry	049
		McIntosh	051
		McKenzie	053
		McLean	055
		Mercer	057
		Morton	059
		Mountrail	061
		Oliver	065
		Pierce	069
		Renville	075
		Rolette	079
		Sheridan	083
		Stutsman	093
		Towner	095
		Walsh	099
Ward	101		
Wells	103		
Williams	105		
Oklahoma	OK	Beaver	007
		Blaine	011
		Cimarron	025
		Cotton	033
		Dewey	043
		Jefferson	067
		Latimer	077
		Major	093
		Tillman	141
		Woods	151

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<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
Oregon	OR	Baker	001
		Benton	003
		Clackamas	005
		Clatsop	007
		Columbia	009
		Coos	011
		Crook	013
		Curry	015
		Deschutes	017
		Douglas	019
		Gilliam	021
		Grant	023
		Harney	025
		Hood River	027
		Jackson	029
		Jefferson	031
		Josephine	033
		Klamath	035
		Lake	037
		Lane	039
		Lincoln	041
		Linn	043
		Malheur	045
		Marion	047
		Morrow	049
		Multnomah	051
		Polk	053
		Sherman	055
		Tillamook	057
		Umatilla	059
		Union	061
		Wallowa	063
		Wasco	065
		Washington	067
		Wheeler	069
		Yamhill	071

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<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
South Dakota	SD	Bon Homme	009
		Brule	015
		Buffalo	017
		Butte	019
		Campbell	021
		Charles Mix	023
		Clay	027
		Coddington	029
		Custer	033
		Fall River	047
		Gregory	053
		Haakon	055
		Harding	063
		Hughes	065
		Jackson	071
		Jones	075
		Lawrence	081
		Lincoln	083
		Lyman	085
		Meade	093
		Pennington	103
		Perkins	105
		Potter	107
		Roberts	109
		Stanley	117
		Sully	121
		Union	127
		Yankton	135
Utah	UT	Beaver	001
		Box Elder	003
		Cache	005
		Carbon	007
		Daggett	009
		Davis	011
		Duchesne	013
		Emery	015

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<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
Utah - cont.	UT	Garfield	017
		Grand	019
		Iron	021
		Juab	023
		Kane	025
		Millard	027
		Morgan	029
		Piute	031
		Rich	033
		Salt Lake	035
		San Juan	037
		Sanpete	039
		Sevier	041
		Summit	043
		Tooele	045
		Uintah	047
		Utah	049
		Wasatch	051
		Washington	053
		Wauzie	055
Weber	057		
Washington	WA	Adams	001
		Asotin	003
		Benton	005
		Chelan	007
		Clallam	009
		Clark	011
		Columbia	013
		Cowlitz	015
		Douglas	017
		Ferry	019
		Franklin	021
		Garfield	023
		Grant	025
		Grays Harbor	027
		Island	029
		Jefferson	031
		King	033
Kitsap	035		
Kittitas	037		
Klickitat	039		

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<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
Washington	WA	Lewis	041
		Lincoln	043
		Mason	045
		Okanogan	047
		Pacific	049
		Pend Oreille	051
		Pierce	053
		San Juan	055
		Skagit	057
		Skamania	059
		Snokomish	061
		Spokane	063
		Stevens	065
		Thurston	067
		Wahkiakum	069
		Walla Walla	071
		Whatcom	073
Whitman	075		
Yakima	077		
Wyoming	WY	Albany	001
		Big Horn	003
		Campbell	005
		Carbon	007
		Converse	009
		Crook	011
		Fremont	013
		Goshen	015
		Hot Springs	017
		Johnson	019
		Laramie	021
		Lincoln	023
		Natrona	025
		Niobrara	027
		Park	029
Platte	031		
Sheridan	033		
Sublette	035		
Sweetwater	037		

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<u>State</u>	<u>Code</u>	<u>County Name</u>	<u>Code</u>
Wyoming- cont.	WY	Teton	039
		Uinta	041
		Washakie	043
		Weston	045

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
10	Watershed Area Number	Leave blank if Phase I of WC&D system has not been completed. Overlays are filed in Resource Area or Watershed Specialist's office.
11	Allotment Number	Record the number assigned to the individual allotment of job location -- same number as coded in Allotment Record (Form 4115-22), Grazing Record (Form 4115-23), and Collection Record (Form 1370-38).
12	Wildlife Habitat Area	Enter code if job is located within the geographic boundary of an established Wildlife Habitat area. <u>Example:</u> Dead Cow Mountain would code as T003; Jones River would be A004.
13	Wild Horse/Burro Area Number	Enter code if job is located within the geographic boundary of an established Wild Horse/Burro area.
14*	Meridian	Enter code from listing below. See Map No. 2 also.

* Fatal error if no entry is made.

Map No. 2. Principal Meridians and Base Lines.



Meridian Codes

<u>Meridian Name</u>	<u>Code</u>
1st Principal	01
2nd Principal	02
3rd Principal	03
4th Principal (LF)	04
5th Principal	05
6th Principal	06
Black Hills	07
Boise	08
Chickasaw	09
Choctaw	10
Cimarron	11
Copper River	12
Fairbanks	13
Gila & Salt River	14
Humboldt	15
Huntsville	16
Indian	17
Louisiana	18
Michigan	19
Montana Principal	20
Mount Diablo	21
Navajo	22
New Mexico	23
St. Helena	24
St. Stephens	25
Salt Lake	26
San Bernardino	27
Seward	28
Tallahassee	29
Uintah Special	30
Ute	31
Washington	32
Willamette	33
Wind River	34
Ohio (USMS)	35
Great Miami River (Ohio-WOGM)	36
Muskingum River (Ohio-MRS)	37
Ohio River (Ohio-ORS)	38
1st Scioto River (Ohio-SRB)	39
2nd Scioto River (Ohio-ORB)	40
3rd Scioto River (Ohio-NOSP)	41
Ellicott's Line	42
Twelve Mile Square (Ohio-12MR)	43
Kateel River	44
Umat	45
4th Principal (MA & WI)	46

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
15*	Township	Enter five-position code using the first three positions for whole numbers, the fourth for fractions in eights, and the fifth for direction (N for North and S for South) from the base line. <u>Example:</u> 0010N for Township 1 North, or 1014S for Township 101 and one-half South.
16*	Range	Code as for Township except direction (E for East, W for West) from the principal meridian.
17*	Section	Use codes 01 through 36.
18*	Subdivision	Code to 40 acres within which exists the point of origin, project marker, or other identifier. Explain in narrative, if necessary.

Site and Vegetation Description

Note: Data should reflect situation prior to treatment. Coding is optional for job codes (JC) 55, 56, and 58, if available. Leave blank of other JC's.

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
19	Present SSF	Enter the two-digit SSF value determined after completion of <u>Determination of Erosion Condition Class</u> (Form 7310-12), for the job site.
20	Percent Slope	Enter present average slope for area.
21	Exposure	Enter code number which describes the general exposure of entire job area. Use the following codes:

<u>Exposure</u>	<u>Code</u>
North	1
East	2
South	3
West	4
Flat	5

* Fatal error if no entry is made.

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>												
22	Soil Texture	Enter code which best describes surface soil for majority of job area. Use the following codes:												
		<table border="1"> <thead> <tr> <th><u>Texture</u></th> <th><u>Code</u></th> </tr> </thead> <tbody> <tr> <td>Coarse (sand and loamy sand)</td> <td>1</td> </tr> <tr> <td>Moderately Coarse (sandy loam)</td> <td>2</td> </tr> <tr> <td>Medium (loam, silt loam and silt)</td> <td>3</td> </tr> <tr> <td>Moderately Fine (clay loam, sandy clay loam, and silty clay loam)</td> <td>4</td> </tr> <tr> <td>Fine (sandy clay, silty clay and clay)</td> <td>5</td> </tr> </tbody> </table>	<u>Texture</u>	<u>Code</u>	Coarse (sand and loamy sand)	1	Moderately Coarse (sandy loam)	2	Medium (loam, silt loam and silt)	3	Moderately Fine (clay loam, sandy clay loam, and silty clay loam)	4	Fine (sandy clay, silty clay and clay)	5
<u>Texture</u>	<u>Code</u>													
Coarse (sand and loamy sand)	1													
Moderately Coarse (sandy loam)	2													
Medium (loam, silt loam and silt)	3													
Moderately Fine (clay loam, sandy clay loam, and silty clay loam)	4													
Fine (sandy clay, silty clay and clay)	5													
23	Precipitation	Enter average annual precipitation from nearest source, rounded to nearest whole number.												
24	Elevation	Estimate from nearest source. Round to nearest 100 feet.												
25	Vegetation Subtype	Code major vegetal subtype occurring on site. Use the following codes:												

Vegetation Subtypes

<u>Type</u>	<u>Code</u>	<u>Subtype</u>
0-Annual Forb	001	Filaree
	002	Halogeten
	099	Other Forbs
<hr/>		
1-Grass	101	Short Grass
	102	Mid Grass
	103	Tall Grass
	104	Crested Wheat Seeding
	105	Mixed Grass Seeding
	199	Other Grass
<hr/>		
2-Meadow	201	Sedge
	202	Rush
	299	Other Grasslike
<hr/>		
3-Perennial Forb	300	Perennial Forb
<hr/>		
4-Shrub	401	Black Greasewood
	402	Bailey Greasewood
	411	Creosote Bush
	412	Tarbush
	413	Broom Dalea
	415	Winterfat
	421	Mesquite
	431	Shadscale
	432	Nuttal Saltbush
	433	Mat Saltbush
	434	Fourwing Saltbush
	435	Other Saltbushes
	436	Desert Saltbush at PO
	437	Mixed Desert Shrub
	441	Big Sagebrush
	442	Low Sagebrush
	443	Black Sagebrush
	444	Other Sagebrush
	445	Rabbitbrush
	446	Sand Sage
451	Chamise	
452	Manzanita	
453	Ceanothus	
454	Shinnery Oak	
455	Chaparral	
456	Mountain Mahogany	

Item 25 - (Cont.)

<u>Type</u>	<u>Code</u>	<u>Subtype</u>
4-Shrub	457	Bitterbrush
	458	Oakbrush
	461	Blackbrush
	462	Cactus
	463	Joshua tree
	464	Yucca
	465	White Thorn
	466	Paloverde Cerci
	467	Bursage (Frde-Frdu)
	468	Catclaw
	469	Sotol
	470	Mariola
	471	Snakeweed
	472	Fringed Sagebrush
	473	Clubmoss
	474	Willow
	475	Turpentine Brush (Hala)
	476	Burroweed Hate
	477	Mormon Tea
	478	Skunk Bush
479	Ocotilla	
480	Sacahuiste	
481	Adler	
482	Snowberry	
499	Other Shrubs	
<hr/>		
5-Broadleaf Tree	574	Willow
	575	Desert Willow
	577	Birch-Alaska
	579	Balsam Poplar-Cottonwood
	581	Red Alder
	582	Poplar-Birch
	583	Aspen
	584	California Black Oak
	585	Cottonwood
	586	Oregon White Oak
	587	Other White Oak
	588	Madrone
	589	Tan Oak
	598	Noncommercial Hardwoods
	599	Other Broadleaf Tree

Item 25 - (Cont.)

<u>Type</u>	<u>Code</u>	<u>Subtype</u>
6-Conifer	601	Douglas Fir
	602	Douglas Fir Hemlock
	603	Port Orford Cedar
	604	Douglas Fir-White Fir
	611	Ponderosa Pine
	612	Jeffrey Pine
	613	Ponderosa-Sugar-Pine-Fir
	614	Sugar Pine
	615	Incense Cedar
	619	Cypress
	621	West White Pine
	631	White Fir
	632	Red Fir
	633	Grand Fir
	634	Pacific Silver Fir
	635	Engel Spruce
	636	Engel Spruce-Subalpine Fir
	637	White Spruce
	638	Blue Spruce
	639	Noble Fir
	641	West Red Cedar
	642	Sitka Spruce
	643	Black Spruce
	647	Mountain Hemlock
	648	West Hemlock
	649	Alaska Cedar
	655	West Larch
	656	Grand Fir-Larch-Douglas Fir
	657	Ponderosa Pine-Larch-Douglas Fir
	658	Larch-Tamarack-Alaska
	661	Lodgepole Pine
	671	Redwood
	690	Noncommercial Softwoods
	691	Coulter Pine
	692	Digger Pine-Oak
	693	Pinyon-Juniper
	694	Knobcone Pine
	695	Bristlecone Pine
	696	Whiteback & Limber Pine
	697	Pinyon
	698	Juniper
	699	Commercial Nonstocked

Item 25 - (Cont.)

<u>Type</u>	<u>Code</u>	<u>Subtype</u>
7-Cryptogam	701	Lichen-Moss
	702	Moss
	703	Lichen
	704	Fern
	799	Other
<hr/>		
8-Barren	801	Badland
	802	Beaches
	803	Blown-Out Land
	804	Cinder Land
	805	Dry Lake Bed
	806	Dumps
	807	Dune Land
	808	Gullied Land
	809	Gypsum Land
	810	Lava Flows
	811	Oil-Waste Land
	812	Pits
	813	Playas
	814	Quarries
	815	Riverwash
	816	Rock Outcrop
	817	Rubble Land
	818	Salt Flats
	819	Scoria Land
820	Slickens	
821	Slick Spots	
899	Other	
<hr/>		
9-Annual Grass	901	Cheatgrass
	902	Medusahead Rye
	903	Red Brome
	905	Three-Awn
	906	Six Weeks Grama
	999	Other
<hr/>		

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
26 through 28	Composition	Enter percent of grasses, forbs, and browse in vegetal cover. Items 26, 27, and 28 must total 100 percent.
29 through 31	Cover	These items portray the percent ground cover. Ground cover is shown by percent bare ground (including rocks), litter, and vegetation. Vegetation includes grasses, forbs, shrubs, and trees less than 20 feet in height. (Sum of entries = 100%)

- C. Annual Work Plan Input Data - Section II. This section must be completed for all jobs that the field office anticipates funding for the fiscal year and for BLM cooperatively-financed jobs. Do not use this section when reporting private jobs, e.g., Section 4/15, etc.

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
75*	Subactivity	Enter subactivity which will fund the job.
76*	Component - Job Code	Use input codes only. See BLM Manual Section 1684 for use with subactivity. The following component-job codes are for appropriate use with corresponding subactivities. (See Table 1, "Job Documentation Report Matrix" sheets.)
77* and 90*	Primary Units Planned - Completed	Enter actual units planned or completed under primary subactivity. Primary units will be recorded to tenths of units. If a primary unit is one (1), record 1.0. (See Table 2, "Reporting Units Checklist".)
78 and 91	Secondary Units Planned - Completed	Enter actual secondary units or target species in <u>whole numbers</u> or <u>alpha codes</u> . (See Table 2, "Reporting Units Checklist".) Entry required if item 55 has a numeric code of 5 or item 56 has a numeric code of 7 or if item 76 has any numeric code except 7262.

* Fatal error if no entry is made.

Table 1. JDR MATRIX

COMPONENT JOB CODES	TITLE	SUBACTIVITY							UNITS			
		4310 (6310)	4321	4340 (6340)	4350 (6350)	4630	4930	7120	8100	8200	PRIMARY	SECONDARY
4000	FOREST MANAGEMENT (O-C)											
4100	FOREST MANAGEMENT											
4200	FOREST DEVELOPMENT											
55	Vegetation Manipulation	X					X				Acre	Target Species
60	Fences, Enclosures, Exclosures	X					X				Mile	Number Miles of Trail
61-71	Management Facilities	X					X				Number	Target Species
56	Land Treatment	X					X				Acre	Target Species
58-68	Timber Stand Improvement	X					X				Acre	Target Species
64	Pest Control	X					X				Number	Target Species
4300	WILD HORSE AND BURRO MANAGEMENT											
55-68	Vegetation Manipulation		X				X				Acres	Target Species
57-69	Water Facilities		X				X				Number	See Report- ing Units Checklist
60-70	Fences, Enclosures, Exclosures		X				X				Miles	Number Encl./Excl Miles of Trail
61-71	Management Facilities		X				X				Number	

Table 1. JDR MATRIX

COMPONENT JOB CODES	TITLE	SUBACTIVITY										UNITS		Target Species See Report- ing Units Checklist				
		4310 (6310)	4322 (6322)	4340 (6340)	4350 (6350)	4630	4930	7120	8100	8200	PRIMARY	SECONDARY						
5200	WATER MANAGEMENT																	
5300	SOILS MANAGEMENT																	
55-68	Vegetation Manipulation			X														
57-69	Water Facilities			X														
61-71	Management Facilities			X														
5300	SOILS MANAGEMENT																	
56-68	Land Treatment			X														
60-70	Fences, Enclosures, Exclosures			X														
5500	TERRESTRIAL HABITAT MANAGEMENT																	
5600	AQUATIC HABITAT MANAGEMENT																	
5700	WETLAND MANAGEMENT																	
5800	ENDANGERED RESOURCE PROTECTION																	
55-68	Vegetation Manipulation			X														
56-68	Land Treatment			X														
57-69	Water Facilities																	
60-70	Fences, Enclosures, Exclosures			X														
61-71	Management Facilities			X														
64	Pest Control			X														

Table 1. JDR MATRIX

COMPONENT JOB CODES	TITLE	SUBACTIVITY							UNITS			
		4310 (6310)	4322 (6322)	4340 (6340)	4350 (6350)	4630	4930	7120	8100	8200	PRIMARY	SECONDARY
5900	EARTH SCIENCES											
60-70	Fences, Enclosures, Exclosures			X				X			Miles	Number Encl./Excl.
61-71	Management Facilities			X				X			Number	
62	Hazard Reduction			X				X			Number	
7100	FIRE REHABILITATION											
55	Vegetation Manipulation								X		Acres	Target Species Target Species
56	Land Treatment								X		Acres	See Report- ing Units Checklist Number Encl./Excl. Miles of Trail
57	Water Facilities								X		Number	
60	Fences, Enclosures, Exclosures								X		Miles	
61	Management Facilities								X		Number	
7200	NON-FIRE EMERGENCY											
62	Hazard Reduction								X		Number	
67	Maintenance - Building Roads, Recreation								X		Number	
68	Maintenance - Land and Vegetation Treatment								X		Acres	Target Species See Report- ing Units Checklist
69	Maintenance - Water Facilities								X		Number	
71	Maintenance - Management Facilities								X		Number	

Table 2. Reporting Units Checklist

JOB CODE	TITLE	UNITS	
		PRIMARY	SECONDARY
55 or 68	Vegetation Manipulation	Acres	Target Species
56 or 68	Land Treatment	Acres	Target Species
57 or 69	Water Facilities	Number	
	Detention Dams		Cubic Yards
	Retention Dams		Cubic Yards
	Dikes, Other Structures		Linear Feet
	Reservoirs		Cubic Yards
	Springs		Gallons/Minute
	Wells		Gallons/Minute
	Pipelines	(New Waters)	Linear Feet
	Catchments		Gallons Storage
	Storage/Drinking		Gallons Storage
58 or 68	Timber Stand Improvement	Acres	Target Species
60 or 70	Fences, Enclosures, Exclosures	Miles	Number Enclosures Exclosures
61 or 71	Management Facilities	Number	Miles of Trail
62	Hazard Reduction	Number	-----
64	Pest Control	Number (Treatments)	Target Species

Note: See BLM Manual Section 1684 for Compatible Subactivity-Component-Job Code Combinations.

Items 78 and 91

Units, Secondary (See Reporting Units Checklist and Matrix)

PARTIAL LIST OF SEEDING, PLANTING, AND TARGET SPECIES
(See SCS National List of Scientific Plant Names)

GRASSES

<u>Species</u>	<u>Code</u>	<u>Variety</u>	<u>Common Name</u>
Agropyron cristatum	AGCR		Crested wheatgrass
Agropyron desertorum	AGDE	Nordan	Desert wheatgrass
Agropyron elongatum	AGEL		Tall wheatgrass
Agropyron inerme	AGIN 1	Whitmar	Beardless wheatgrass
Agropyron intermedium	AGIN 2		Intermediate wheatgrass
Agropyron sibericum	AGSI		Siberian wheatgrass
Agropyron smithii	AGSM		Western wheatgrass
Agropyron trachycaulum	AGTR 1		Slender wheatgrass
Agropyron trichophorum	AGTR 2		Pubescent wheatgrass
Bouteloua curtipendula	BOCU		Side-oats grama
Bromus inermis	BRIN		Smooth brome
Bromus marginatus	BRMA		Mountain brome
Bromus mollis	BRMO		Soft chess
Dactylis glomerata	DAGL	Latar	Orchardgrass
Elymus junceus	ELJU		Russian wildrye
Eragrostis curvula	ERCU		Weeping lovegrass
Eragrostis lehmanniana	ERLE		Lehmann lovegrass
Oryzopsis hymenoides	ORHP		Indian ricegrass
Phleum pratense	PHPR	Climas	Timothy
Sporobolus cryptandrus	SPCR		Sand dropseed
Stipa viridula	STVI		Green needlegrass

SHRUBS

Chrysothamnus nausesus	CHNA		Rubber rabbitbrush
Chrysothamnus viscidiflorus	CHVI 1		Douglas rabbitbrush
Opuntia englemannii	OPEN		Englemann pricklypear
Opuntia polyacantha	OPPO		Plains pricklypear
Prosopis juliflora glandulosa	PRJU 1		Honey mesquite
Prosopis juliflora velutina	PRJU 2		Velvet mesquite
Purshia tridentata	PUTR		Antelope bitterbrush
Quercus dumosa	QUDU		California scrub oak
Quercus gambelii	QUGA 1		Gambel oak
Quercus turbinella	QUTU		Shrub live oak

Items 78 and 91 - (Cont.)

SHRUBS - (Cont.)

<u>Species</u>	<u>Code</u>	<u>Variety</u>	<u>Common Name</u>
Rhus diversiloba	RHDI		Pacific poison-oak
Rhus radicans	RHRA		Poison-ivy
Rhus trilobata	RHTR		Skunkbush sumac
Ribes aureum	RIAU		Golden currant
Ribes cereum	RICE		Wax currant
Ribes viscosissimum	RIVI		Sticky currant
Sarcobatus vermiculatus	SAVE		Black greasewood
Tetradymia canescens	TECA		Spineless horsebrush

TREES

Abies concolor	ABCO		White fir
Abies procera	ABPR		Noble fir
Chamaecyparis lawsoniana	CHLA		Port-Orford-cedar
Elaeagnus angustifolia	ELAN		Russian-olive
Juniperus communis	JUCO		Dwarf juniper
Juniperus deppeana	JUDE		Alligator juniper
Juniperus monosperma	JUMO		One-seed juniper
Juniperus occidentalis	JUOC		Western juniper
Juniperus osteosperma	JUOS		Utah juniper
Juniperus scopulorum	JUSC		Rocky Mountain juniper
Larix occidentalis	LAOC		Larch
Picea engelmannii	PIEN		Engelmann spruce
Picea sitchensis	PISI		Sitka spruce
Picea glauca	PIGL		White spruce
Pinus contorta	PICO		Lodgepole pine
Pinus edulis	PIED		Pinyon pine
Pinus jeffreyi	PIJE		Jeffrey pine
Pinus lambertiana	PILA		Sugar pine
Pinus monticola	PIMO		White pine
Pinus ponderosa	PIPO		Ponderosa pine
Populus acuminata	POAC		Lanceleaf cottonwood
Populus tremuloides	POTR 1		Quaking aspen
Prunus virginiana demissa	PRVI 2		Western chokecherry
Prunus virginiana melonocarpa	PRVI 1		Black chokecherry
Pseudotsuga menziesii	PSME		Douglas-fir
Sequoia sempervirens	SESE		Redwood
Thuja plicata	THPL		Western red cedar
Tsuga heterophylla	TSHE		Western hemlock
Other hardwoods	HARD		
Other conifers	CONI		

INSECTS

<u>Species</u>	<u>Code</u>	<u>Variety</u>	<u>Common Name</u>
Anabrus simplex	ANSI		Mormon cricket
Chermes piceae	CHPI		Balsam wooly aphid
Choristoneura			
occidentalis	CHOC		Spruce budworm
Coleophora laricella	COLA		Larch casebearer
Dendroctomus obesus	DEOB		Englemann spruce beetle
Dendroctomus ponderosae	DEPO		Mountain pine beetle
Dendroctomus			
pseudotsugae	DEPS		Douglas-fir beetle
Hemerocampa			
pseudotsugata	HEPS		Douglas-fir tussock moth
Hemilenca oliviae	HEOL		Range caterpillar
Ips pini	IPPI		Pine engraver
Labops hesperius	LAHE		Black grass bug
Scolytus ventralis	SCVE		Fir engraver
Other insects	OTHR		

Reference: Furniss, R.L. and V.M. Carolin. 1977. Western Forest Insects, Miscellaneous Publication No. 1399, U.S. Dept. of Agriculture, Forest Service.

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>												
79* and 80*	Time of Award - Fiscal Year and Third	Enter anticipated fiscal year and third of contract award, materials purchased, issued to job. Entry required with transaction code 1.												
81* and 82*	Time of Completion - Fiscal Year and Third	Enter anticipated completion date of contract or other method of completion. Entry required with transaction code 1.												
83	Method	Enter code for method of BLM accomplishing job construction, installation, or application. Use the following codes and entry required if items 84, 85 or 94 are coded:												
		<table border="1"> <thead> <tr> <th><u>Method</u></th> <th><u>Code</u></th> </tr> </thead> <tbody> <tr> <td>Contract</td> <td>1</td> </tr> <tr> <td>Force Account</td> <td>2</td> </tr> <tr> <td>YACC</td> <td>3</td> </tr> <tr> <td>YCC</td> <td>4</td> </tr> <tr> <td>Other</td> <td>5</td> </tr> </tbody> </table>	<u>Method</u>	<u>Code</u>	Contract	1	Force Account	2	YACC	3	YCC	4	Other	5
<u>Method</u>	<u>Code</u>													
Contract	1													
Force Account	2													
YACC	3													
YCC	4													
Other	5													
84 through 87	Cost	Enter data items from appropriate columns in Form 1732-1, Section V. Subactivity 7120 is considered a BLM cost item.												
84	BLM Material Cost	Enter material cost from Form 1732-1, Section V, Column d, rounded to nearest \$100. This amount should be covered in AWP Cost Target and include stores issues and materials that are purchased direct to job. Materials cost included in contract should <u>not</u> be included in this item.												
85	BLM Contract Cost	Enter total from Form 1732-1, Section V, Column e. <u>Exclude workmonths cost.</u> Include materials furnished by Contractor. Round to nearest \$100. Entry required if item 83 is coded 1.												
86	Contributed Material Cost	Enter only undeposited job cost from Form 1732-1, Section V, Column f.												

* Fatal error if no entry is made with transaction code 1.

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>														
87	Contributed Labor/Equipment Cost	Enter only undeposited job cost from Form 1732-1, Section V, Column g. <u>Do not include BLM workmonths cost.</u>														
88*	Maintenance Responsibility	Enter code showing maintenance responsibility. Use the following codes and entry required with transaction code 1 or 2.														
		<table border="1"> <thead> <tr> <th><u>Agency</u></th> <th><u>Code</u></th> </tr> </thead> <tbody> <tr> <td>BLM</td> <td>1</td> </tr> <tr> <td>Other Federal</td> <td>2</td> </tr> <tr> <td>Range User</td> <td>3</td> </tr> <tr> <td>Advisory Board</td> <td>4</td> </tr> <tr> <td>State Agency</td> <td>5</td> </tr> <tr> <td>Other</td> <td>6</td> </tr> </tbody> </table>	<u>Agency</u>	<u>Code</u>	BLM	1	Other Federal	2	Range User	3	Advisory Board	4	State Agency	5	Other	6
<u>Agency</u>	<u>Code</u>															
BLM	1															
Other Federal	2															
Range User	3															
Advisory Board	4															
State Agency	5															
Other	6															
89*	Maintenance Cycle	Enter last digit of fiscal year in which job is completed in far <u>left</u> block. Average maintenance cycle for this particular type job is entered in the two <u>right</u> blocks (e.g., 505 indicates job was completed in a fiscal year which ended in a 5, such as 1955, and that the job is to be inspected for maintenance needs every five years). When a job has served its purpose, and no additional maintenance will be performed on the job, a JDR Correction Report should be sent to SCD (D-252) with three (3) zeros in Item 89. The job will no longer show a maintenance inspection need and will not appear on subsequent maintenance workload printouts. (See Table 3 for planning job maintenance.) Entry required with transaction code 1 or 2.														

* Fatal error if no entry is made.

Table 3. Guidelines to be Used in Planning Maintenance Programs

<u>Type of Improvement</u>	<u>Minimum¹ Inspection Schedule</u>	<u>Remarks</u>
Fence	5 Years	Fence maintenance is the labor and material needed annually to keep an existing fence in a condition adequate to serve the purpose for which it was constructed. Annual costs to accomplish above not to exceed 10% of original investment.
Reservoirs	3 Years	Reservoirs inspected periodically, especially after heavy rains, to determine need for minor repairs, and with immediate repair often eliminates the need for more costly repair later.
Water Control Structures	Annually	Inspect structures at least annually and at other opportune times. Check for destructive action of burrowing rodents. Check for trash accumulation or silt that may plug gates, pipes, and spillways. For preventive maintenance, protect the structure from livestock.
Springs	4 Years	Seasonal inspection is desirable to clean out trash, etc.

¹These are minimum guidelines only. Inspection may be needed more often depending on type of structure, location, soil type, etc. For example, a suspension fence may or may not require the same period inspection as a 4-wire fence depending on site, etc. As more information is obtained, the minimum standards will be updated.

Table 3. Guidelines to be Used in Planning Maintenance Programs

<u>Type of Improvement</u>	<u>Minimum Inspection Schedule</u>	<u>Remarks</u>
Watershed Tillage	2 Years	Annual inspection to determine and plan maintenance needs is desirable on terracing and erosion control structures. Additional inspections after periodically heavy storms or abnormal snowmelt runoff is also desirable. Constant inspection and maintenance of erosion control work are especially important during first rainy season after construction. Immediate repair is essential where failures occur.
Windmills, Pumps, Pipelines	Each Year	Facilities should be checked and serviced prior to season of use.
Seedings and Brush Control	5 Years	Seeding and brush control jobs should be checked after first growing season following treatment to determine success or failure.
Other	Various	An inspection schedule for all other types of improvements not listed should be established. The period of time will be determined by type of improvement, use, area of location, and any other factors which may influence deterioration.

D. Job Details and Benefits - Section III. Coding of data elements is based on those specific job-related details and benefits that can be anticipated to accrue as the result of job installation or construction. See Illustration 4 as a reference to those data elements requiring data entry code(s). Coding of other data elements is optional, e.g., if grazing management benefits accrue from a wildlife habitat improvement job, the grazing management benefits data elements are coded also.

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
37*	Primary Job Objective	Enter only one (1) objective code for the job. Entry required with transaction code 1 or 2.

<u>Objective</u>	<u>Code</u>
Watershed Conservation	1
Watershed Development	2
Grazing Management - Minimum Forage Needs	3
Grazing Management - Maximum Forage Production	4
Grazing Management - Facilitate Livestock Management	5
Wildlife - Maintain Habitat	6
Wildlife - Improve Habitat	7
Forestry - Timber Production	8
Wild Horses and Burros	9
Other	0

See the following for definition of the above objectives.

* Fatal error if no entry is made.

Definition of Objectives

Code No. 1. Watershed Conservation: To invest in watershed needs necessary for protection from deterioration. The primary purpose is to curb deterioration of the resources under the principles of sustained yield and multiple use. The alternatives for accomplishing this objective are subjected to cost effectiveness analyses. Use with subactivity 4340 and 4630.

Code No. 2. Watershed Development: To develop, improve, and invest in watersheds for supplying or meeting identified needs which are in addition to those required to meet the conservation objective. Such investments are limited to those where benefits exceed costs. Benefits include both the enhancement of on-site and off-site values. Alternatives for accomplishing this objective are subjected to benefit/cost analyses. Use with subactivity 4340 and 4630.

Code No. 3. Grazing Management - Minimum Forage Needs: Use with subactivity 4322, 7120, 8100, and 8200 jobs and if job maintains present status, halts downward trend, or develops to adjudicated privileges.

Code No. 4. Grazing Management - Maximum Forage Production: Use with subactivity 4322, 7120, 8100, and 8200 jobs and if job will develop to potential or site capability.

Code No. 5. Grazing Management - Facilitate Livestock Management: Use with subactivity 4322, 7120, 8100 and 8200, and if job facilitates management of livestock.

Code No. 6. Wildlife - Maintain Habitat: Use with 4350 and 7120 jobs and if job maintains present status or halts downward trend.

Code No. 7. Wildlife - Improve Habitat: Use with 4350 and 7120 jobs and if job will increase habitat of present population.

Code No. 8. Forestry - Timber Production: Use with 4310 and 6310 jobs and if job will facilitate timber production.

Code No. 9. Wild Horses and Burros: Use with 4321 jobs and if job will improve wild horse and burro habitat or facilitate wild horse and burro management.

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
39 through 45	Plant and Pest Control	Complete for jobs in JCs 55, 56, 58, and 64.
39	Chemical	Enter chemical pesticide used from the following list:

Item 39

<u>Herbicides</u>	<u>Code</u>
2, 4-D, all forms	A
2, 4, 5-T, all forms - Prohibited	B
Amitrol-T (Wheedazol & Amino Triazole Weed Killer) - Prohibited	C
Atrazine (Atrazine)	D
Borax (Benazabar)	E
Cacodylic Acid (Silvisar 150, Ansar 160)	F
Dicamba (Banvel D) - Restricted	G
Dalapon (Dowpon)	H
Diuron (Karmex)	J
Silvex, all forms - Prohibited	K
Amiben	L
Thiram	M
Zinc Dithrocarbamate, (Z.I.P.)	N
Ureabor	S
Glyphosate	T
Picloram	R
Tebuthiuron (Graslon, Spike 80-W)	W

Note: Use other alpha code (I, Q, or U) for chemicals not listed.

<u>Insecticides</u>	<u>Code</u>
Ethylene Dibromide	O
Malathion	P
Sevin (Carbaryl)	V
Dylox (Trichlorforn)	X

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>																		
42	Method	Complete for all jobs when Item 39 is coded. Use the following codes:																		
		<table border="1"> <thead> <tr> <th><u>Method</u></th> <th><u>Code</u></th> </tr> </thead> <tbody> <tr> <td>Fixed-Wing Aircraft</td> <td>1</td> </tr> <tr> <td>Helicopter</td> <td>2</td> </tr> <tr> <td>Mobile Ground</td> <td>3</td> </tr> <tr> <td>Hand</td> <td>4</td> </tr> <tr> <td>Prescribed Burning</td> <td>5*</td> </tr> </tbody> </table>	<u>Method</u>	<u>Code</u>	Fixed-Wing Aircraft	1	Helicopter	2	Mobile Ground	3	Hand	4	Prescribed Burning	5*						
<u>Method</u>	<u>Code</u>																			
Fixed-Wing Aircraft	1																			
Helicopter	2																			
Mobile Ground	3																			
Hand	4																			
Prescribed Burning	5*																			
		*Optional code for plant control (no code for Item 39).																		
45	Mechanical Control/Type	Enter code from the following:																		
		<table border="1"> <thead> <tr> <th><u>Method</u></th> <th><u>Code</u></th> </tr> </thead> <tbody> <tr> <td>Plowing</td> <td>1</td> </tr> <tr> <td>Drags: Chaining, Cabling, etc.</td> <td>2</td> </tr> <tr> <td>Blading: Bulldozing, Motor Patrol, etc.</td> <td>3</td> </tr> <tr> <td>Cutting or Beating</td> <td>4</td> </tr> <tr> <td>Lop and Scatter</td> <td>5</td> </tr> <tr> <td>Chipping</td> <td>6</td> </tr> <tr> <td>Hypo-Hatchet</td> <td>7</td> </tr> <tr> <td>Other</td> <td>8</td> </tr> </tbody> </table>	<u>Method</u>	<u>Code</u>	Plowing	1	Drags: Chaining, Cabling, etc.	2	Blading: Bulldozing, Motor Patrol, etc.	3	Cutting or Beating	4	Lop and Scatter	5	Chipping	6	Hypo-Hatchet	7	Other	8
<u>Method</u>	<u>Code</u>																			
Plowing	1																			
Drags: Chaining, Cabling, etc.	2																			
Blading: Bulldozing, Motor Patrol, etc.	3																			
Cutting or Beating	4																			
Lop and Scatter	5																			
Chipping	6																			
Hypo-Hatchet	7																			
Other	8																			
47 through 52	Artificial Revegetation	Applies to those jobs where seeding or planting is needed to establish desired species. (JCs 55, 56, and 58.)																		
47	Pounds Seed/Acre	Enter amounts to nearest tenth.																		
48	Seedlings/Acre	Enter number of seedlings planted per acre.																		
49	Method (Re-vegetation)	Enter method used to plant seeds or seedlings. Entry required if items 47 or 48 are coded. Use the following codes:																		
		<table border="1"> <thead> <tr> <th><u>Method</u></th> <th><u>Code</u></th> </tr> </thead> <tbody> <tr> <td>Drill</td> <td>1</td> </tr> <tr> <td>Ground Broadcast</td> <td>2</td> </tr> <tr> <td>Aerial Broadcast</td> <td>3</td> </tr> <tr> <td>Hand Planting</td> <td>4</td> </tr> <tr> <td>Machine Planting</td> <td>5</td> </tr> </tbody> </table>	<u>Method</u>	<u>Code</u>	Drill	1	Ground Broadcast	2	Aerial Broadcast	3	Hand Planting	4	Machine Planting	5						
<u>Method</u>	<u>Code</u>																			
Drill	1																			
Ground Broadcast	2																			
Aerial Broadcast	3																			
Hand Planting	4																			
Machine Planting	5																			

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>														
51	AUM's Live-stock Forage Added	Enter estimated annual increase in AUM's and/or additional AUM's made available for livestock use. Mandatory entry with JC 55 and 68.														
52	Future SSF	Enter anticipated SSF for a successful job. Optional entry for all land treatment jobs in subactivities 4310, 4322, 4340, 4350, 4630, 4930, 7120, 8100, and 8200 for JCs 55 and 56. Otherwise leave blank.														
54	Watershed Tillage - Method	Code with Component Job Codes 5356 or 5368.														
		<table border="1"> <thead> <tr> <th><u>Treatment</u></th> <th><u>Code</u></th> </tr> </thead> <tbody> <tr> <td>Contour Furrowing</td> <td>1</td> </tr> <tr> <td>Ripping and Deep Tillage</td> <td>2</td> </tr> <tr> <td>Pitting</td> <td>3</td> </tr> <tr> <td>Terracing</td> <td>4</td> </tr> <tr> <td>Checks</td> <td>5</td> </tr> <tr> <td>Other</td> <td>6</td> </tr> </tbody> </table>	<u>Treatment</u>	<u>Code</u>	Contour Furrowing	1	Ripping and Deep Tillage	2	Pitting	3	Terracing	4	Checks	5	Other	6
<u>Treatment</u>	<u>Code</u>															
Contour Furrowing	1															
Ripping and Deep Tillage	2															
Pitting	3															
Terracing	4															
Checks	5															
Other	6															
55	Facilities - Type	Code with JCs 60 and 70 only from the following:														
		<table border="1"> <thead> <tr> <th><u>Type</u></th> <th><u>Code</u></th> </tr> </thead> <tbody> <tr> <td>Three Strand</td> <td>1</td> </tr> <tr> <td>Four Plus Strand</td> <td>2</td> </tr> <tr> <td>Net Wire</td> <td>3</td> </tr> <tr> <td>Antelope Drop Panels</td> <td>4</td> </tr> <tr> <td>Enclosures, Exclosures</td> <td>5</td> </tr> <tr> <td>Other</td> <td>6</td> </tr> </tbody> </table>	<u>Type</u>	<u>Code</u>	Three Strand	1	Four Plus Strand	2	Net Wire	3	Antelope Drop Panels	4	Enclosures, Exclosures	5	Other	6
<u>Type</u>	<u>Code</u>															
Three Strand	1															
Four Plus Strand	2															
Net Wire	3															
Antelope Drop Panels	4															
Enclosures, Exclosures	5															
Other	6															

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
56	Facilities - Other Misc.	Code with JCs 61 and 71 only from the following:

<u>Type</u>	<u>Code</u>
Corrals and Loading	
Chutes	1
Line Cabin	2
Livestock Parasite	
Control Structure	3
Windbreaks and Live-	
stock Shelter	4
Cattleguards	5
Passes	6
Stock Trails	7

Note: Use codes 8 or 9 for facility types not listed.

59	Type - Water Development/ Control	Use with JCs 57 and 69 only from the following:
----	-----------------------------------------	-------------------------------------------------

<u>Type</u>	<u>Code</u>
Detention	1
Retention	2
Dikes/Diversions	3
Check Dam, earthen	4
Drop Structure	
Gabion, wire and	
rock	5
Sheet Piling	6
Concrete	7
Ditches	8
Other	9
Springs	10
Wells	11
Reservoirs	12
Pipelines	13
Catchments	14
Supplemental	
(storage and/or	
drinking)	15

60	Water Filing Number	Enter number assigned by state as applicable.
----	------------------------	-----------------------------------------------

61	Storage - Flood	Enter acre-feet of flood storage for JCs 57 or 69 only when item 59 is coded 1 through 7 or 12.
----	--------------------	-------------------------------------------------------------------------------------------------

62	Storage - Silt	Enter acre-feet of silt storage for JCs 57 or 69 only when item 59 is coded 1 through 7 or 12.
----	-------------------	------------------------------------------------------------------------------------------------

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
63 through 68	Wildlife Habitat Development/ Protection	See BLM Manual Section 6611 and following list for species code. May be used to cite benefits which accrue from other subactivity jobs.
63	Type	Code from the following list. If there is an entry in this item, an entry must also appear in item 64. Entry required for subactivity 4350 or 6350.

Item 63

	<u>Habitat Type</u>	<u>Code</u>
Habitat, Terrestrial (20)		
	Food	21
	Breeding Cover	22
	Protection Cover	23
	Water	24
	Movement Facilitation	25
	Movement Restriction	26
	Other	27
Habitat, Waterfowl (40)		
	Development (potholes, dikes, etc.)	41
	Protection (fencing)	42
	Renovation (raising dike or dam)	43
	Development, (cover)	44
	Development, (nesting)	45
	Development, (food)	46
Habitat, Stream Fish (60)		
	Rough Fish Removal	61
	Protection (fencing)	62
	Aquatic Plant Control	63
	Clearance (barrier removal)	64
	Bank Stabilization	65
	Gabion Placement (rock, log, trash)	66
	Boulder Placement	67
	Gravel Placement	68
	Culverts	69
Habitat, Lake Fish (80)		
	Rough Fish Removal	81
	Protection (fencing)	82
	Aquatic Plant Control	83
	Development (cover)	84
	Construction (new reservoir)	85
	Modification (structures)	86
	Development (food)	87

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
64	Primary Species	Code from the following list. An entry is required for subactivity 4350. If primary species is coded 100 through 700 or 903, 904, and 905 (animal), entries must also appear in items 63, 65, and 66. If primary species is coded 800 through 902 (fish), entries must also appear in items 63 and 67.

Item 64

<u>Species or Group</u>	<u>Code</u>
HERBIVOROUS HOOFED BIG GAME (Mammals)	100
Elk	101
Caribou	102
Mule Deer (includes Blacktail)	103
Whitetail Deer	104
Moose	105
Bighorn Sheep	106
Dall Sheep	107
Barbary Sheep	108
Ibex (Siberian - Iranian)	109
American Bison	110
Pronghorn	111
Javalina	112
Mountain Goat	113
Musk Oxen	114
CARNIVORES (Mammals)	200
Brown Bear (includes Grizzly)	201
Polar Bear	202
Black Bear	203
Wolves	204
Coyote	205
Foxes	206
Fisher	207
Wolverine	208
Bobcat and Lynx	209
Cougar	210
Pine Martin	211
Mink	212
Weasel	213
Ferret	214
Otter	215

Item 64 - (Cont.)

<u>Species or Group</u>	<u>Code</u>
OMNIVORES (Mammals)	300
Skunk	301
Ringtailed Cat	302
Coatimundi	303
Raccoon	304
HERBIVORES	400
Beaver	401
Muskrat	402
Squirrels	403
Prairie Dogs	404
Rabbits and Hares	405
Groundhogs or Marmots	406
Migratory Birds	500
Puddle Ducks (includes all ducks)	501
Diving Ducks	502
Shore and Marsh Birds	503
Geese and Brant	504
Swans	505
Doves and Pigeons	506
Cranes and Herons	507
Other Waterfowl	508
GALLINACEOUS BIRDS	600
Pheasants	601
Blue Grouse Group	602
Spruce Grouse (includes Franklins)	603
Ptarmigan	604
Sage Grouse	605
Prairie Chicken	606
Sharptail Grouse	607
Ruffed Grouse	608
Quail	609
Chukar Partridge	610
Hungarian Partridge	611
Wild Turkey	612
OTHER BIRDS	700
Small Birds (includes most birds not shown elsewhere)	701
Eagles	702
Hawks	703
Owls	704
Vultures and Condors	705

Item 64 - (Cont.)

<u>Species or Group</u>	<u>Code</u>
FISHES	800
Trout and Char	801
Salmon, Non-anadromous	802
Salmon, Anadromous	803
Steelhead Trout	804
Grayling	805
Warm Water Fishes	806
MARINE ANIMALS, AMPHIBIANS, AND REPTILES	900
Crabs, Clams, Oysters, and other shellfish	901
Sea or Estuarine Fish	902
Sea or Estuarine Mammals	903
Reptiles	904
Amphibians	905

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>								
65	Animal Months	Means a month's use whether grazing, nesting, or roosting. Estimate increase of animal months on jobsite, e.g., 200 ducks residence for 1 month = 200 animal months; 40 deer residence for 3 months = 120 animal months, etc.								
66	Number Increase	Enter estimate of number of animals maintained or increased. Entry required if item 64 is coded.								
67	Pounds Fish Increase	Enter estimate increase of pounds of fish per mile of stream or development. Entry required if item 64 has a code value of 800 through 902.								
68	Threatened/ Endangered	Entry required if species identified in item 64 is classified as threatened or endangered. Code as follows:								
		<table border="1"> <thead> <tr> <th><u>Type</u></th> <th><u>Code</u></th> </tr> </thead> <tbody> <tr> <td>Threatened</td> <td>1</td> </tr> <tr> <td>Endangered</td> <td>2</td> </tr> <tr> <td>Sensitive</td> <td>3</td> </tr> </tbody> </table>	<u>Type</u>	<u>Code</u>	Threatened	1	Endangered	2	Sensitive	3
<u>Type</u>	<u>Code</u>									
Threatened	1									
Endangered	2									
Sensitive	3									
69 through 71	Visitor Days Added	These entries are optional. Make entry if there is benefit as a result of job. All three (3) visitor day items may have an entry from one job. There can be an increase in hunting or fishing days without an increase in numbers.								
71	Other	Make entry if there is a benefit of increased birdwatching days, sightseeing days, picknicking days, etc.								

E. Progress (Completion) Data - Section IV. Appropriate data elements are coded immediately following final inspection of completed job. Several jobs may have been included in one contract or one job may have more than one funding source (Data Element No. 75). In any of these cases, separate JDR,s and data files must be developed. Therefore, a job may have two or more job numbers (Data Element No. 3) but only one job name (Data Element No. 4). For transaction code 2 entry is required for items 90, 91, 92, 93 and 96. For item 94 an entry is required if item 83 is coded 1.

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>
90*	Units - Primary	Enter actual primary units completed. See item 77 for reporting units.
91	Units - Secondary	Enter actual secondary units completed. See item 78 for reporting secondary units. Entry required if item 76 is coded for any value excepting 7262.
92*	Time - Fiscal Year	Enter fiscal year of job completion by entering digits for calendar year in which job was completed, e. g., (1970 is 70).
93*	Time - Third	Enter 1, 2, or 3 for the third of year that job was completed.
94	Job Cost	Enter contract and/or material costs as well as identifiable force account costs, Form 1732-1, from Section V, Columns d and e, if "actual" block is marked.
95	Workmonths	Enter to the nearest tenth workmonths expended on the job. Does not include supervision.
96*	Agreement	Code from the following list to show how the job was constructed. This is <u>not</u> a maintenance type agreement. Maintenance agreements are shown in item 88 only. Do not make an entry if no entry is in item 97, 98, 99, 100 and/or 101.

<u>Type</u>	<u>Code</u>
Cooperative	
BLM - (No agreement)	1
BLM Coop Agreements	2
Section 4/15	3
YCC	4
YACC	5
Maintenance only	6

* Fatal error if no entry is made.

<u>Item No.</u>	<u>Data Element Name</u>	<u>Coding Instructions</u>														
97	Contributor	Code from the following list. This item refers to contributing participant only. Code 1 should <u>not</u> be used. Entry is required if item 86 or 87 is coded.														
		<table border="1"> <thead> <tr> <th><u>Type</u></th> <th><u>Code</u></th> </tr> </thead> <tbody> <tr> <td>Other Federal</td> <td>2</td> </tr> <tr> <td>Range User</td> <td>3</td> </tr> <tr> <td>Advisory Board</td> <td>4</td> </tr> <tr> <td>State Agency</td> <td>5</td> </tr> <tr> <td>Other</td> <td>6</td> </tr> <tr> <td>Sikes Act</td> <td>7</td> </tr> </tbody> </table>	<u>Type</u>	<u>Code</u>	Other Federal	2	Range User	3	Advisory Board	4	State Agency	5	Other	6	Sikes Act	7
<u>Type</u>	<u>Code</u>															
Other Federal	2															
Range User	3															
Advisory Board	4															
State Agency	5															
Other	6															
Sikes Act	7															
98	Contributor's Name	If more than one individual is involved, enter primary contributor's name and <u>et al.</u> If another agency is involved, give name of agency (e.g., Dept. of Game and Fish, U.S. Fish and Wildlife, etc.). Entry required if item 86 or 87 is coded.														
99	Contributions Deposited	Enter to nearest one hundred dollars, amount of contribution deposited. An entry must appear in item 84 or 85. Items 96 through 98 <u>must</u> be completed. Code 1, 2, 4, or 5 <u>must</u> be used in item 96.														
100 and 101	Undeposited Materials and Labor/Equipment	Enter estimated value of materials and/or labor/equipment contributed to job. If an entry is made in item 84 or 85, code 1, 2, 4, or 5 <u>must</u> appear in item 96, and an entry <u>must</u> be made in item 86 and 87. If no entries are made in item 84 or 85, then code 2 or 3 <u>must</u> appear in item 96, and items 97 and 98 <u>must</u> be completed.														

- F. Detail Estimate of Units and Costs - Section V. Complete the "Detail Estimate of Units and Costs" as accurately as possible after consultation with the Division of Operations. The estimate shows entries for materials, labor, and etc., that would be reflected in the contract.

An entry is made to show the estimated cost of the archaeological clearance and for BLM administration and supervision of the contract.

1. Archaeological Clearances. A Bureau Cultural Resource Specialist will usually do the work necessary for a cultural resource clearance on linear and spot-type projects. Large "area clearances" or linear clearances that involve considerable effort will be contracted out to other cultural resource professionals. The costs for the area type clearances will be estimated and included with the estimated cost of the project on the JDR.

The types of cultural resource clearance and estimated cost* are as follows:

- | | |
|-----------------------------------------------------------------------------------------------------------|-------------------|
| a. Linear projects such as fences, pipelines, powerlines, etc.: | \$ 80.00 per mile |
| b. Area Projects such as chaining, brushcutting, plowing, etc.: | \$ 2.50 per acre |
| c. Spot projects such as reservoirs, catchments, etc., are usually cleared by the District archaeologist: | \$100.00 each |

*Cost is updated periodically to consider inflation and additional detailed requirements.

- G. Location Plat - Section VI. Xerox project location maps from the following sources in order of preference: (1) 7.5-minute quads, (2) 15-minute quads, or (3) 1 inch = 1 mile planning unit maps. Dimensions are to be 6 x 6 inches to enable map to fit over the gridded section on the JDR. Project is located accurately and placed on the map in pencil.

Follow these guidelines:

1. Carefully prepare plats so Division of Operations can supply location data necessary.
2. Use standard symbols from map Symbol Handbook (BLM Manual 9161).
3. Use black pencil in all entries which designate location.
4. Draft to nearest 40 acres.
5. For a linear job (fence, pipeline, etc.) that follows a subdivision line, offset the symbol slightly to the side you want credited with the job, i.e., a fence on line between section 5 (private land) and section 6 (BLM land) show fence inside section 6.
6. If a job includes or crosses non-BLM lands, indicate these lands by either listing the description or a crosshatch symbol.

- H. Narrative Description or Justification - Section VII. The following items are suggested to be included:

1. The desired project layout and design placed on a separate attachment.
2. The amount of livestock and/or wildlife to be benefitted; i.e., AUM requirements.
3. Justification for including in annual work plan at this time.
4. Place the name of the person preparing the JDR and the date prepared.
5. Submit the JDR with the project file to Division of Operations for programming by June 30.

VII. Data File. The capability exists for field offices to access the data records, retrieve data by remote terminals, and generate specific inquiry reports. This can be accomplished by use of the REX2* software subsystem that directs the production of specified output reports--if the terminal operator provides the format and specifications of the desired inquiry report(s). If field office computer terminal capability is not available, submission of Form 1265-1, "Order for ADP Report Action," to D-223 is necessary (see Illustration 14).

A. Uses. Some of the specific inquiries are as follows:

1. Public Land Statistical Report. The Division of Record Systems (D-240) develops an annual report entitled "Public Land Statistics." The data source for those tables relating to "Resource Conservation and Development" are from the JDR System.
2. Job listing for district project summary.
3. Job listing for annual maintenance schedule. See Illustration 15. Form 1265-1 must be submitted. REX 2 software does not provide for the terminal capability.
4. Job listing for specific data element inquiry for the public, Congress, and other Government agencies.
5. Job listing by special project code to correlate with Range Program ES or RMP implementation.
6. Job listing by job type. A specific inquiry is shown in Illustration 16 for water developments (Form 1732-1, item 76, component job code 4457; 5257).
7. Job listing by Resource Area-Planning Unit for document input to land use plans and EIS.
8. Summary of accomplishments by State, District, Congressional District, Subactivity/Component Job Code, Job Cost and Contributions.
9. Summary of anticipated benefits by primary objective, item 39.
10. Summary of water developments by type--for water use inventory (Water Rights) program. An example is shown in Illustration 16, with jobs sorted by County (item 9) code.

* REX is an acronym for Retrieval Executive.

Illustration 14. Order for ADP Report Action.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORDER FOR ADP REPORT ACTION

INSTRUCTIONS

Prepare original and three copies of approved orders and submit to Service Center Director (D-200).

TO: Service Center Director (D-200)				FROM: (Requesting office) <i>D-470, Div. of Resource Systems</i>	
REQUESTING OFFICE AND ACTIVITY CODES				DELIVER REPORT TO:	
ORGANIZATION		ACTIVITY	WORK CODE OR PROJECT	Name <i>Ron Clark</i>	
STATE	OFFICE			Office <i>D-470</i>	
<i>YA</i>	<i>470</i>	<i>4322</i>	<i>0110</i>	Number of copies <i>1</i>	Required delivery date <i>4-20-83</i>

Type of report action (check one)

- (1) Provided for in a system but requested out of regular cyclical report date
 (2) Not provided for in a system but using data available in the system
 (3) From an existing computer program using special data inputs
 (4) Cancel

Report title or description (For type (2) report action include instructions as to column headings, format, and data wanted. Attach additional sheets or illustrations as needed to make request clear. For type report action (4) state method being used in lieu of the report.)

*MØ 42 - Annual Job Maintenance Inspection Schedule For FY'83
State - New Mexico (NM); District - Las Cruces (03);
Resource Area - White Sands (88).*

Why is report needed? *To provide illustration in technical guide prepared for field office use.*

Has same or similar report been ordered in the past? Yes No Unknown (If "yes," give date)

Will same or similar report be needed in the future? Yes No Unknown (If "yes," give frequency and check the requirements in Bureau Manual Section 1265 for extension of existing system)

Binding Instructions As printed Burst Top binding Side binding

DIVISION OF DP ONLY		Requested by (signature) <i>Ronnie D. Clark</i>	Date <i>4/13/83</i>
Date received <i>4-14-83 LS</i>	ADP cost code		
Date completed <i>4-17-83 LS</i>		Title <i>Supervisory Natural Resource Specialist</i>	
ESTIMATED COST		Approved by (signature) <i>John N. Baker</i>	Date <i>4/13/83</i>
Personal services	\$		
Machine time		Title <i>Chief, Division of Resource Systems</i>	
Supplies			
Other			
TOTAL	\$		

Illustration 15 - Job Listing for Annual Maintenance Schedule for FY 82.

REPORT DATE 8/1/78		PCV:ARFMD:2		NEW MEXICO		UNITED STATES DEPARTMENT OF THE INTERIOR		BUREAU OF LAND MANAGEMENT		PAGE NO 1		TOT-PAGE 107				
STATE	DIST	PLN	RA	UNIT	ALLOT	CJC	JOB	VO	JOB NAME	MAINT	RESP-CYC	YR	CMP	CMP-PRIM	UNITS	CNTY
ANNUAL JOB MAINTENANCE INSPECTION SCHEDULE																
NM	01	78	01	000	4457	0071	J G MARTINEZ RES			3	205	42		1.0	055	
NM	01	78	01	000	4457	0375	E RAEI RES			3	205	42		1.0	055	
NM	01	78	01	000	4457	0377	ATEXCIO PIT TANK			3	103	61		1.0	039	
NM	01	78	01	000	4457	0146	DIVIDE WEL-			3	101	61		1.0	039	
NM	01	78	01	000	4457	0566	CHIEFLO TRICK TANK 1			1	801	68		1.0	055	
NM	01	78	01	000	4457	0571	CHIEFLO TRICK TANK 2			1	801	68		1.0	055	
NM	01	78	01	000	4457	0575	RAEL TRICK TANK			1	801	68		1.0	055	
NM	01	78	01	000	4457	0582	EAST PCT MTN TRICK 1			3	103	61		1.0	055	
NM	01	78	01	000	4457	0723	DOMINGUEZ RES			3	503	55		1.0	055	
NM	01	78	01	000	4457	1437	SANTISTEVAN RES			3	503	55		1.0	055	
NM	01	78	01	000	4457	1438	SANTISTEVAN RES			3	503	55		1.0	055	
NM	01	78	01	000	4457	1426	FOSTER RES			3	503	55		1.0	055	
NM	01	78	01	000	4457	1554	SCHOOL WELL			1	601	64		1.0	031	
NM	01	78	01	000	4457	1631	E ALIRE RES 2			1	203	52		1.0	039	
NM	01	78	01	000	4457	1632	E ALIRE RES 1			1	203	52		1.0	039	
NM	01	78	01	000	4457	1653	A ATENCIO RES			1	203	52		1.0	039	
NM	01	78	01	000	4457	1652	A ATENCIO RES 2			1	203	52		1.0	039	
NM	01	78	01	000	4457	1650	A LOPEZ RES			1	203	52		1.0	039	
NM	01	78	01	000	4457	1811	ALIRE DURAY WELL			3	501	55		1.0	055	
NM	01	78	01	000	4457	1927	BAG HUFF CROW WELL			3	501	55		1.0	055	
NM	01	00	01	0639	4457	2000	DE LA CRUZ RESERVOIR			3	601	56		1.0	055	
NM	01	78	01	000	4457	2144	BAGWELL-LOBATO WELL			3	601	66		3.0	039	
NM	01	78	01	000	4457	2377	QUINLAN MIDDLEMIST 1			3	701	57		1.0	035	
NM	01	78	01	000	4457	2379	QUINLAN MIDDLEMIST 4			3	701	57		1.0	035	
NM	01	78	01	000	4457	2621	A SCHOFIELD RES			3	603	64		3.0	055	
NM	01	78	01	000	4457	2474	LITTLEPAGE PIPELINE			3	401	64		1.0	055	
NM	01	78	01	000	4457	2592	ANTELOPE GIZZLERS			1	701	67		4.0	055	
NM	01	78	01	000	4457	2843	ANTELOPE GIZZLERS			1	701	67		4.0	055	
NM	01	78	01	000	4457	4664	MOELLER RAEI WELL			3	601	74		1.0	055	
NM	01	78	01	000	4457	4473	RG WATER SYSTEM			1	501	75		1.0	055	
NM	01	78	01	000	4457	4471	MOELLER RAEI WELL E2			3	501	75		1.0	055	
NM	01	78	01	0638	4457	5010	GUADALUPE TANK			3	503	75		1.0	055	
NM	01	78	01	0553	4457	5011	BALL PIPELINE			3	701	77		2.0	049	
NM	01	00	01	0563	4457	5150	A STOCK TANK			3	801	54		1.0	039	
NM	01	78	01	000	4460	0757	SAMDOVAL WIND MTN FF			3	203	62		1.0	055	
NM	01	78	01	000	4460	0814	MOELLER RAEI FENCE 2			3	205	62		1.0	055	
NM	01	78	01	000	4460	0873	OLGUIN FENCE			3	203	62		3.0	055	
NM	01	78	01	000	4460	0956	DUNVAN CORRAL			3	205	62		0.5	055	
NM	01	78	01	000	4460	0991	SCHOFIELD-DURAY FENCE			3	205	62		2.0	055	
NM	01	78	01	000	4460	1633	A ATENCIO FENCE			1	705	57		3.0	039	
NM	01	78	01	000	4460	2190	J D SAMDOVAL FENCE			3	705	57		0.5	055	
NM	01	78	01	0000	4460	4596	OLD FENCE			3	205	52		1.0	043	
NM	01	78	01	0595	4460	5059	OJO CALIENTE CORRAL			3	802	78		1.0	055	
NM	01	78	01	0511	4460	5093	MASCARENAS FENCE			3	705	57		0.5	055	

THIS INCLUDES ALL JOBS THAT SHOULD BE INSPECTED DURING FISCAL YEAR 1982

Illustration 16. Job Listing for Water Developments.

Enter next command: P(E9;E15;E16;E17;E18;E3;E4;E34;E35;E74;E59;E7) FOR E2=92 AND E33=4457;5257

Print (#9-COUNTY ; #15-TOWNSHIP ; #16-RANGE ; #17-SECTION ; #18-SUBDIVISION ; #3-JOB NUMBER ; #5-JOB NAME ; #77-PRIMARY ;
 #78-SECONDARY ; #92-COMP FISCAL YEAR ; #59-WATER DEVELOPMENT TYPE ; #7-PLANNING UNIT) FOR #2-DISTRICT = 92 AND #76-COMP
 = 4457 ; 5257
 JOB CODE

QUERY RESPONSE: 333 out of 14,362 JDR RECORD, or 2.32 %

#9-C\#15-TO\#16-RA\#17-S\#18-S\#3-JO\#5-JOB NAME	#77-PRIMA\#78-SE\#92\#59\#7-PLANNING UNITT TYPE
019 ---- ---- -- ---- 7360 GILGER PIT	1.0 01500 -- -- 24
00000 00000 00 0000 0005 CLARKSON RES	1.0 02592 46 12 24
0147 ----	1.0 06481 59 12 00
0302 VINCENT RES 1	1.0 00600 66 12 24
6887 PALO RESERVOIR	1.0 03000 76 12 27
0012N 0020E 04 NWNE 7249 MISSILE RES	1.0 07500 65 12 24
0080N 0070E 01 SENW 0173 HAFNER RES	1.0 04754 59 12 23
02 NWNE 0185 HAFNER RES 2	1.0 04440 64 12 23
03 SWSW 0187 HAFNER RES 4	1.0 01500 64 12 23
04 NENW 0036 HAFNER RET DAM	1.0 02435 57 12 23
NESE 0190 HAFNER RES 7	1.0 02000 64 12 23
SENE 0184 HAFNER RES 1	1.0 02000 64 12 23
SESW 0186 HAFNER RES 3	1.0 03000 64 12 23
SWSW 0008 CHIESMAN RES	1.0 05247 46 12 23
05 NENW 0192 HAFNER RES 9	1.0 20000 64 12 23
NESE 0207 HAFNER RES 8	0.0 04025 64 12 23
08 SENE 0037 WURNIG RET DAM	1.0 04972 57 12 23
10 NESW 0038 ALKALI DRAW RES	1.0 03315 57 12 23
SENW 0161 AL WURING RES	1.0 06000 59 12 23
15 NESW 0012 LEWIS RES	1.0 02000 46 12 23
25 SWNE 0140 W UREN RES	1.0 03080 58 12 23
SWNW 0056 WILLIAM RE	1.0 08069 61 12 23
26 NENE 0174 W UREN RES	1.0 09489 60 12 23
NESE 0213 UREN RES 2	1.0 01500 64 12 23
SENW 0141 W UREN RES	1.0 05266 58 12 23
0210 UREN RES 1	1.0 02000 64 12 23
0090E 11 NWSE 0230 HILL RES 2	1.0 04777 65 12 27
0090N 0010E 13 NENE 7243 DURR RES	1.0 06000 62 12 27
0070E 13 SESE 0180 KLINGER PIT	1.0 04751 63 12 23
28 SWNW 0188 HAFNER RES 5	1.0 05000 64 12 23
29 SWNW 0189 HAFNER RES 6	1.0 02000 64 12 23
33 NWSW 0039 HAFNER RES 1	1.0 02708 57 12 23
0080E 14 NWSE 0524 LOST CORNER RES	1.0 06000 68 12 23
0090E 10 NWSW 0466 CATTAIL RES	1.0 04000 67 12 23
32 SESW 0100 WILLIAMSON RES	1.0 09833 65 12 27
0100N 0010E 03 NWSE 7241 RAMEY RES.	1.0 10000 62 12 27
29 SESE 7248 RAILROAD RES	1.0 06000 64 12 27
SWSW 0321 L P LARSON DIKE	0.0 00000 66 03 24
30 SESE 7242 MIDDLE CREEK RES	1.0 04500 65 12 27
0030E 06 NENE 7239 JONES RES.	1.0 06000 65 12 24
26 NWNW 7240 CAPP RES.	1.0 05000 65 12 27
0110N 0010E 10 NESW 7246 OWL CREEK RES	1.0 05500 61 12 24
11 SENW 7226 THUNDER PIT	1.0 2901 81 12 24
13 NWNW 0367 GRAVEL RES	1.0 03500 67 12 24
20 NWNE 0143 MCLEOD RES	1.0 05500 58 12 24
24 NENE 0368 RACCOON RES	1.0 02000 67 12 24
0020E 05 SENE 0153 JE DAVIS RES	1.0 03923 58 12 24
00 0000 0150 XT LARSON RES	1.0 04777 59 12 24

- B. Access to JDR Data Base. Turn on the terminal. If you are working at a terminal with variable type size, set the characters per inch at 13.

Obtain a dial tone on the associated phone set.

Dial the phone number for entry into BLM's time-sharing computer center. You will receive either a busy signal (to indicate that the line is not presently available) or a high-pitched tone. If using an Execuport portable terminal, attach the phone receiver to the back side of the terminal after you hear the high-pitched tone. If you are using a terminal attached to a Dataphone, depress the "hold" button on the phone after you hear the high-pitched tone.

You will be "on-line" when the green "ready" light appears on an Execuport and the terminal automatically types

```
BLM COMPUTER CENTER  date  AT  time  CHANNEL  NNNN  TS1
```

If using a high-speed terminal, the following message will appear:

```
ENTER
0) DISCONNECT
1) FNP-0
2) FNP-1
3) FNP-2
```

The above message allows you to select a "portal" to enter the BLM time-sharing computer system. If an "X" precedes the 1, 2, or 3, it means that that particular portal is busy and another portal must be selected. Once you have chosen the portal number and depressed the carriage return key (hereinafter abbreviated as CR) you will receive one of three messages. If you receive B

BB it means that you will be connected with the computer center shortly. Another message will tell you that the portal you have chosen is busy and you will be given the choice of disconnecting from the system, choosing another portal (the computer uses the term "resource number") or waiting in line for that portal (the computer uses the term "queue"). The third message choice is CONNECTED and, on the next line,

```
BLM COMPUTER CENTER  date  AT  time  CHANNEL  NNNN  TS1
```

The computer will then prompt you for your identification and access codes. First the computer prints

```
USER ID -
```

On the same line, respond with your UMC number, a semicolon (;), and your REX charge code, followed by a CR. Then the system asks for the sign-on password that was assigned with the UMC. On the terminal you will see

```
PASSWORD
XXXXXXXXXX
```

Type in your UMC password directly over the "strike-over" mask provided below the password request, followed by a CR. Then the terminal will show

CHARGE PASSWORD?

Type in your REX password and a CR. The terminal will automatically provide "strike-overs" on the typed information. The terminal will inform you if you have entered any invalid information during the log-on procedure; if invalid information is given two consecutive times, the terminal will immediately disconnect from the system.

If all entries are valid during the log-on procedure, you will see

NOOZ Updated as of date

with general and specific information for users of BLM's computer center. If you would prefer not to see the "NOOZ," depress the "Break" key on the terminal. (The break key is in a different location on each brand and/or model of terminal.)

At the left margin, the terminal will show an asterisk (*) as a prompt for the software system you would like to use. Immediately next to the asterisk, type in REX2 and a CR. The next message you will see is CHARGE CODE? If you have logged-on with your REX charge code, just use the CR.

The terminal will respond with

REX 2.1 * BUREAU OF LAND MANAGEMENT * date * time * page 1

and the phrase

Enter next command:

This is a prompt for having you enter what you want to do with which data base. Immediately following the above message, type in exactly.

QDB:JDR/JDRCUR
QDB:JDR/JDRH-**

With all commands (unless previously told otherwise), REX will repeat the full text of any command you have entered, so in this case REX responds with

QUERY DATA BASE: JDR/JDRCUR.REX
 or
 JDR/JDRH-**.REX

** Two-digit alpha code, for the state (Historical File).

The individual JDR System Files are sorted according to the following codes* and administrative states:

<u>Code</u>	<u>State</u>
AK	Alaska
AZ	Arizona
CA	California
CO	Colorado
ID	Idaho
MT	Montana, includes South Dakota and North Dakota
NV	Nevada
NM	New Mexico
"OR"	Oregon, includes some Washington jobs
UT	Utah
WY	Wyoming

* Because the REX2 software package is used, the abbreviation for Oregon must be enclosed in quotation marks ("OR") Current File Other states are coded by two alpha characters only.

This command will be followed by the identification of the data base. The information shown for identification of the JDR data base is shown in Illustration 17.

Then, you are prompted with

Enter next command:

You now have a choice of requesting any data from the data base in any format. If you would like a copy of the full dictionary for this data base, type in LD2 and a CR. If you would like a copy of the dictionary (Illustration 18) that lists only the data element numbers and the element names, type in LD1 and a CR. If you would like an output report, using either the hand roller or by depressing the local line feed or local form feed, move the paper up so that the printer head is at the top of page perforation; then type in the report you want and a CR. In this case, you will see a message called Playback OFF and then the paper will automatically advance to the top of the next page and type the output report on "autopilot." Sometimes, the REX system appears lazy and will not type the output report you requested and will respond with

ERROR: Illegal Command

If this happens, just retype the command you initially entered when you receive a prompt for

Enter next command:

NOTE: Once you have vertically adjusted the paper for the first output report, it is not necessary to adjust it further for successive reports (the REX2 software has been programmed to remember the number of lines typed since the last page change).

Illustration 17. JDR Data Base Identification.

Title: JDR REPORTS

Author: RON PARKS

Created 12/03/81 9:38 AM by RON

Last modified 03/31/83 4:42 PM by LEN-SHEA

Number of JDR RECORD in Data Base: 4 total, 0 hidden, 4 net.

Data Base totals 4,631 words, 94 data elements and 11 abbreviations have been defined.

200 modifications have been made to this Data Base.

Note : IF A LISTING OF ALL ELEMENTS FOR EACH PROJECT IS DESIRED, YOU MAY USE EITHER OF THE 2 LISTINGS AVAILABLE

Note : 'LST1' PRINTS ALL 93 ELEMENTS IN THE DICTIONARY ON 1 PAGE

Note : 'LST2' PRINTS ALL 93 ELEMENTS IN THE DICTIONARY 'FORMATED' FOR USE IN UPDATING YOUR FILES

Note : 'LST1':

Note : (A) QDB:JDR/JDRCUR OR JDR/JDRH-XX (XX = STATE CODE)

Note : (B) HM:(I.E. E1=05 AND E2=01 AND E6=68)

Note : (C) LST1 FOR R

Note : 'LST2':

Note : (A) QDB:JDR/JDRCUR OR JDR/JDRH-XX (XX = STATE CODE)

Note : (B) HM:(I.E. E1=05 AND E2=01 AND E6=68)

Note : (C) LST2

Note : (IF ANY QUESTIONS CONTACT: LEN SHEA DSC X5608)

Illustration 18. List Dictionary.

Enter next command: LD1
List Dictionary

E1. #1-STATE	E48. #39-CONTROL CHEMICAL
E2. #2-DISTRICT	E49. #42-CONTROL METHOD
E3. #3-JOB NUMBER	E50. #45-MECH METHOD
E4. #5-JOB NAME	E51. #47-LBS SEED/ACRE
E5. #6-SPEC PROJ CODE	E52. #48-SEEDLING/ACRE
E6. #7-RESOURCE AREA	E53. #49-ARTIFICIAL METHOD
E7. #7-PLANNING UNIT	E54. #51-AUMS
E8. #8-HYDRO/SUBREGION	E55. #52-FUTURE SSF
E9. #9-COUNTY	E56. #54-WTRSHED METHOD
E10. WTRSHED AREA NUMBER	E57. #55-FACILITY TYPE
E11. ALLOTMENT NUMBER	E58. #56-OTHER MISC
E12. WLDLIFE HABITAT AREA	E59. #59-WATER DEVELOPMENT TYPE
E13. WILD HORSE/BURRO AREA	E60. #60-WATER FILING NUMBER
E14. #14-MERIDAN	E61. #61-STORAGE
E15. #15-TOWNSHIP	E62. #62-STORAGE SILT
E16. #16-RANGE	E63. #63-WLDLIFE TYPE
E17. #17-SECTION	E64. #64-PRIMARY SPECIES
E18. #18-SUBDIVISION	E65. #65-ANIMAL MONTHS
E19. #19-PRESENT SSF	E66. #66-NUMBER INCREASE
E20. #20-PERCENT SLOPE	E67. #67-LBS FISH INCREASE
E21. #21-EXPOSURE	E68. #68-RARE/ENDANGERED
E22. #22-SOIL TEXTURE	E69. #69-FISHERMAN
E23. #23-PRECIPITATION	E70. #70-HUNTER
E24. #24-ELEVATION	E71. #71-OTHER
E25. #25-VEG SUBTYPE	E72. COMP PRIMARY UNITS
E26. #26-GRASSES	E73. COMP SECONDARY UNITS
E27. #27-FORBS	E74. #92-COMP FISCAL YEAR
E28. #28-BROWSE	E75. #93-COMP THIRD
E29. #29-VEGETATION	E76. #94-COMP JOB COST
E30. #30-LITTER	E77. #95-COMP WORK MONTHS
E31. #31-BARE GROUND	E78. #96-AGREEMENT
E32. #75-SUBACTIVITY	E79. #97-CONTRIBUTER
E33. #76-COMP JOB CODE	E80. #98-CONTRIBUTOR'S NAME
E34. #77-PRIMARY	E81. #99-DEPOSITED
E35. #78-SECONDARY	E82. #100-UNDEPOSITED MATERIAL
E36. #79-FISCAL YEAR	E83. #101_UNDEPOSITED LBR/EQUIP
E37. #80-THIRD	E84. CONGRESSIONAL DISTRICT
E38. #81-FISCAL YEAR COMP	E85. FLAG BIT
E39. #82-THIRD COMP	E86. DUMMY ELEMENT
E40. #83-COST METHOD	E87. #75-MAINT SUBACTIVITY
E41. #84-COST MATERIAL	E88. #76-MAINT COMPONENT JOB CODE
E42. #85-COST CONTRACT	E89. #90-MAINT PRIMARY UNITS
E43. #86-CONTRIB COST MATERIAL	E90. #91-MAINT SECONDARY UNITS
E44. #87-CONTRIB COST LBR/EQUIP	E91. #92-MAINT FISCAL YEAR
E45. #88-MAINT RESPONSIBILITY	E92. #93-MAINT THIRD
E46. #89-MAINT CYCLE	E93. #94-MAINT JOB COST
E47. #37-PRIM JOB OBJECTIVE	E94. #95-MAINT WRK MONTHS

Some of the types of specific query reports are discussed by typing in the REX2 format according to REX2 Reference Manual procedures, spacing one character between each segment of data file, typing in each element number and equal (=) symbol, and the data file segment inquiry.

1. To query a count of all Resource Areas (E6) in Colorado Historical File for Montrose District (E2=03) enter next command: C;E6 FOR E2=03 (CR)
Explanation: C = count value codes (see Illustration 19).

2. To query the jobs in a data file by Job Name (E4), Job Number (E3), Allotment Number (E11), and major funding subactivity (E32) in the Historical File:

Enter next command: P(E4;E3;E11;E32) FOR E2=04 and
E7=11 and E3=>4000

(See Illustration 20)

Note: Job names are printed in alphabetical order for ease of data retrieval, analysis, and interpretation.

3. To query a print of Districts (E2), Resource Areas (E6), Planning Units (E7), and Job Numbers (E3) for a specific State (E1=NV) in Current File:

Enter next command: P(E2;E6;E7;E3) FOR E1=NV (CR)

(See Illustration 21 as a partial listing.)

Note: 1. If for Historical File, enter: P(E2;E6;E7;E3) FOR R (CR)

Explanation: R = Result

2. It is not necessary to input inquiry for E1 (State) since you are in the State's Historical File.

4. To query all data records for a specific State (E1), District (E2), and Resource Area (E6):

Enter next command: P(ALL) FOR E1=WY AND E2=01 AND E6=48
(CR)

(See Illustration 22 as a partial print.)

5. To query a current file data record for a specific job number:

Enter next command: PLB:ALL FOR E1=MT AND E2=06 AND
E3=9689 (CR)

(Montana; Lewistown; Job Number)

Note: Printout will display the data record in "Print Labeled" format with item number, item name, and value code (see Illustration 23).

Illustration 19. Query of Resource Areas in Historical File.

Enter next command: c:es for e2=03

Count ; #7-RESOURCE AREA for #2-DISTRICT = 03

QUERY RESPONSE: 2,104 out of 7,934 JDR RECORD, or 26.52 %

#7-RESOURCE AREA

7:	00
1:	05
514:	48
711:	68
298:	78
573:	88

6 values were found. 2,098 duplicate values were found.

6 lines of print were produced.

Illustration 20. Query of Records by Job Name.

Enter next command: P(e4ie3;e11ie32) for e2=04 and e7=11 and e3=>4000
Print (#5-JOB NAME ; #3-JOB NUMBER ; ALLOTMENT NUMBER ; #75-SUBACTIVITY) for
#2-DISTRICT = 04 and #7-PLANNING UNIT = 11 and #3-JOB NUMBER = > 4000

QUERY RESPONSE: 25 out of 8,731 JDR RECORD, or 0.29 %

#5-JOB NAME	#3-JO	ALLOT	#75-SUBACTIVITY
CAMPBELL SP CGS	4191	1101	4340
CAMPBELL SPG	4033	1101	8100
DTCH JHN CG NO 2	4182	1101	4340
	4183	1101	4340
DTCH JHN CG NO 3	4184	1101	4340
DUTCH JOHN FENCE	4118	1101	8100
FREE FENCE CATGUARDS	4257	1101	4340
GEYSER CATTLEGURAD 1	4185	1101	4340
GOUGE EYE CG NO 1	4189	1101	4340
GOUGE EYE CG NO 2	4190	1101	4340
GOUGE EYE WELL CORRL	4073	1101	8100
GRASSY CATTLEGUARD 1	4179	1101	4340
GRASSY CATTLEGUARD 2	4180	1101	4340
GRASSY FENCE	4230	1101	8100
GRASSY WELL 3	4058	1101	8100
HIWAY SDNG DIV FNC	4192	1101	4340
HIWAY SEEDING EXT	4039	1101	8100
MILK RANCH 2	4060	1101	8100
MUSTANG FNC CG	4186	1101	4340
NORTH CREEK FENCE	4388	1101	8100
PONY SPRGS SEED EXCL	4304	1101	4340
SHAFFER STKWTR WELL2	4008	1101	8100
TRAVIS SDNG FNC CG 1	4187	1101	4340
TRAVIS SDNG FNC CG 2	4188	1101	4340
TWISSELMAN SEEDING	4235	1101	8100

25 combinations of values were found. 0 duplicate combinations of values were found.

25 lines of print were produced.

Illustration 21. Query of Districts, Resource Areas,
Planning Units, and Job Numbers.

Enter next command: P(E2;E6;E7;E3)FOR E1=MV

Print (#2-DISTRICT ; #7-RESOURCE AREA ; #7-PLANNING UNIT ; #3-JOB NUMBER) FOR #1-STATE = MV

QUERY RESPONSE: 52 out of 1,342 JDR RECORD, or 3.87 %

#2-\#7-\#7-\#3-JOB NUMBER

01	48	01	5174
		02	5266
			5267
			5268
			5296
58	03	5263	
			5281
			5282
			5301
		04	5249
02	48	01	4004
			4123
			4402
			4728
			4806
			4809
			4814
			4850
			4851
			4853
		02	4515
			4705
			4791
			4810
68	03	4847	
		04	4697
			4698
03	48	01	6199
			6207
			6243
			6255
			6267
		02	6181
			6198
			6228
			6257
			6258
58	03	6140	
			6187
			6202
04	78	06	4436

Illustration 22. Query of a State, District, and Resource Area's Data Records.

Enter next command: P(all) for e1=wy and e2=01 and e6=48

Print (all) for #1-STATE = wy and #2-DISTRICT = 01 and #7-RESOURCE AREA = 48

QUERY RESPONSE: 17 out of 1,056 JDR RECORD, or 1.61 %

```
#1-\#2-\#3-JO\#5-JOB NAME          #6-SF\#7-\#7-\#8-HY\#9-C\WTRS\ALLOT\WDLIFE
WILD \#14\#15-TO\#16-RA\#17\#18-S\#19\#20\#21\#22\#23\#24-EL\#25-\#26\#27\#28-R
#29\#30\#31\#75-S\#76-C\#77-PRIMA\#78-SE\#79\#8\#81\#8\#84-COST\#85-COST
#86-CONT\#87-CONT\#8\#89-\#3\#3\#4\#4\#47-L\#48-S\#4\#51-A\#52\#5\#5\#56-
#59\#60-WAT\#61-STO\#62-STO\#63\#64-\#65-AN\#66-NU\#67-LB\#6\#69-F\#70-
#71-0\COMP PRIM\COMP S\#92\#9\#94-COM\#95-C\#9\#97-CONTRIBUTER
#98-CONTRIBUTOR'S NAME#99-DEPO\#100-U\#101.UND\CON\FLAG BITL DISTRI
DUMMY ELEMENT          #75-M\#76-M\#90-MAINT\#91-MA\#92\#93-MA
#94-MAINT\#95-MAINT WRK MONTHS
```

```
WY 01 4969 CRYSTAL CREEK FENCE ---- 48 18 0012 003 040 1023 ----
----- 06 0540N 0930W 16 SWSW ---- - - - - - - - - - - - - - -
-- -- -- 8100 4460 8.5 ---- -- -- 82 3 5 $0 000000
$300 $9,500 3 201 5 - - - 0.0 0000 - 0000 -- 2 -
-- ----- 000000 000000 -- --- 00000 00000 00000 - 0000 0000
0000 0.0 ---- -- - 000000 0.0 - -
----- $0 00000 $0 00 0
000000000000000000000000000000 0000 0000 0.0 0000 00 0
$0 0.0
5002 CAJUN QUEEN PIT ---- 48 18 1008 003 030 1051 ----
----- 06 0520N 0940W 15 SWNE 00 00 0 0 00 00000 000 00 00 00
00 00 00 8100 4457 1.0 02800 83 2 83 3 1 $0 002800
$0 $0 3 312 5 - 0 0 0.0 0000 0 0000 00 0 0 0
02 000000 000000 000000 00 000 00000 00000 00000 0 0000 0000
0000 0.0 ---- 00 0 000000 0.0 0 0
----- $0 00000 $0 00 0
----- 0000 0000 0.0 ---- 00 0
$0 0.0
5020 GYRATION PIT ---- 48 18 1008 003 030 1062 ----
----- 06 0520N 0940W 17 NWNW 00 00 0 0 00 00000 000 00 00 00
00 00 00 8100 4457 1.0 03000 83 2 83 3 1 $0 003000
$0 $0 3 312 5 - 0 0 0.0 0000 0 0000 00 0 0 0
02 000000 000000 000000 00 000 00000 00000 00000 0 0000 0000
0000 0.0 ---- 00 0 000000 0.0 0 0
----- $0 00000 $0 00 0
----- 0000 0000 0.0 ---- 00 0
$0 0.0
5021 SUMPWEED RESERVOIR ---- 48 18 1008 003 031 1056 ----
----- 06 0560N 0950W 24 SWSW 00 00 0 0 00 00000 000 00 00 00
00 00 00 8100 4457 1.0 03000 83 2 83 3 1 $300 003300
$0 $0 3 312 5 - 0 0 0.0 0000 0 0000 00 0 0 0
02 000000 000000 000000 00 000 00000 00000 00000 0 0000 0000
0000 0.0 ---- 00 0 000000 0.0 0 0
----- $0 00000 $0 00 0
----- 0000 0000 0.0 ---- 00 0
$0 0.0
```

Illustration 23. Query of "Print Labeled" Format for a Job Record.

Enter next command: IN=0
Indentation = 0

Enter next command: PLB:ALL FOR E1=MT AND E2=06 AND E3=9689
Print Labeled : ALL FOR #1-STATE = MT AND #2-DISTRICT = 06 AND #3-JOB NUMBER = 9689

QUERY RESPONSE: 1 out of 1,056 JDR RECORD, or 0.09 %

#1-STATE: MT	#37-PRIM JOB OBJECTIVE: 5
#2-DISTRICT: 06	#42-CONTROL METHOD: 0
#3-JOB NUMBER: 9689	#45-MECH METHOD: 0
#5-JOB NAME: SQUARE ROOT FENCE	#47-LBS SEED/ACRE: 0.0
#6-SPEC PROJ CODE: NR01	#48-SEEDLING/ACRE: 0000
#7-RESOURCE AREA: 88	#49-ARTIFICIAL METHOD: 0
#7-PLANNING UNIT: 28	#51-AUMS: 0000
#8-HYDRO/SUBREGION: 1011	#52-FUTURE SSF: 00
#9-COUNTY: 069	#54-WTRSHED METHOD: 0
WTRSHED AREA NUMBER: 000	#55-FACILITY TYPE: 1
ALLOTMENT NUMBER: 4880	#56-OTHER MISC: 0
#14-MERIDAN: 20	#59-WATER DEVELOPMENT TYPE: 00
#15-TOWNSHIP: 0120N	#60-WATER FILING NUMBER: 000000
#16-RANGE: 0250E	#61-STORAGE: 000000
#17-SECTION: 02	#62-STORAGE SILT: 000000
#18-SUBDIVISION: NWNW	#63-WLDLIFE TYPE: 00
#19-PRESENT SSF: 00	#64-PRIMARY SPECIES: 000
#20-PERCENT SLOPE: 00	#65-ANIMAL MONTHS: 00000
#21-EXPOSURE: 0	#66-NUMBER INCREASE: 00000
#22-SOIL TEXTURE: 0	#67-LBS FISH INCREASE: 00000
#23-PRECIPITATION: 00	#68-RARE/ENDANGERED: 0
#24-ELEVATION: 00000	#69-FISHERMAN: 0000
#25-VEG SURTYPE: 000	#70-HUNTER: 0000
#26-GRASSES: 00	#71-OTHER: 0000
#27-FORBS: 00	COMP PRIMARY UNITS: 0.0
#28-BROWSE: 00	#92-COMP FISCAL YEAR: 00
#29-VEGETATION: 00	#93-COMP THIRD: 0
#30-LITTER: 00	#94-COMP JOB COST: 000000
#31-BARE GROUND: 00	#95-COMP WORK MONTHS: 0.0
#75-SUBACTIVITY: 8200	#96-AGREEMENT: 0
#76-COMP JOB CODE: 4460	#97-CONTRIBUTER: 0
#77-PRIMARY: 1.5	#99-DEPOSITED: \$0
#79-FISCAL YEAR: 83	#100-UNDEPOSITED MATERIAL: 00000
#80-THIRD: 2	#101-UNDEPOSITED LBR/EQUIP: \$0
#81-FISCAL YEAR COMP: 83	CONGRESSIONAL DISTRICT: 02
#82-THIRD COMP: 3	FLAG BIT: 0
#83-COST METHOD: 5	#75-MAINT SUBACTIVITY: 0000
#84-COST MATERIAL: \$2,250	#76-MAINT COMPONENT JOB CODE: 0000
#85-COST CONTRACT: 000000	#90-MAINT PRIMARY UNITS: 0.0
#86-CONTRIB COST MATERIAL: \$0	#92-MAINT FISCAL YEAR: 00
#87-CONTRIB COST LBR/EQUIP: \$1,500	#93-MAINT THIRD: 0
#88-MAINT RESPONSIBILITY: 3	#94-MAINT JOB COST: \$0
#89-MAINT CYCLE: 203	#95-MAINT WRK MONTHS: 0.0

OR

Enter next command: PF(ALL) FOR E1=MT AND E2=06 AND
E3=7596;9428 (CR)

- Note: 1. Printout will display the data values in relative position with a job data record.
2. The semicolon separates multiple value codes for a data element number.

(See Illustration 24.)

6. To query a Historical File segment and print a report which is sorted by specific data element values:

Enter next command: P(E3;E4;E6;E7;E11;E15;E16;E17;E18;E45;E46)
FOR E2=02 AND E6=48 (CR)

- Note: 1. Montana (MT) file which is sorted for Miles City (02) District and Powder River (48) Resource Area segment. (See Illustration 25 as a partial print of inquiry.)

- Note: 2. A tabular report will be printed which sorts all jobs by numerical sequence, listing the value codes for Job Number (E3); Job Name (E4); Resource Area (E6); Planning Unit (E7); Allotment Number (E11); Township (E15); Range (E16); Section (E17); Subdivision (18); Maintenance Responsibility (E45); Maintenance Cycle (E46).

7. To query and isolate a Resource Area Historical File within a specific District for the purpose of submitting transaction code 3, miscellaneous corrections, within job data records:

Enter next command: HM: E2=02 AND E6=68 (CR)

QUERY RESPONSE: nnn out of n,nnn JDR RECORD, or n.nn%

Enter next command: PO;3 (CR)

Response: Print option ; 3

Enter next command: POFF (CR)

Response: Playback OFF

Enter next command: LST 2 FOR R (CR)

(See Illustration 25)

- Note: 1. Terminal printer or high speed printer, if accessible, will provide a data record in the format suitable for submission to D-252 for the purpose of updating your JDR records as shown in Illustration 25 and the succeeding discussion of Illustration 26.

Illustration 24. Query of "Print Full" Format for Multiple Records.

Enter next command: pf(all) for e2=06 and e3=7596;9428
 Print Full (all)
 *** ERROR: illegal element name.

Enter next command: pf(all) for e2=06 and e3=7596;9428
 Print Full (all) for #2-DISTRICT = 06 and #3-JOB NUMBER = 7596 ; 9428

QUERY RESPONSE: 2 out of 14,362 JDR RECORD, or 0.01 %

#1-\#2-\#3-JOB\#5-JOB NAME #6-SF\#7-\#7-\#8-HY\#9-C\WTRS\ALLOT\WLDLIFE
 WILD \#14\#15-TO\#16-RA\#17\#18-S\#19\#20\#21\#22\#23\#24-EL\#25-\#26\#27\#28\#29
 #30\#31\#75-S\#76-C\#77-PRIMA\#78-SE\#79\#8\#81\#8\#84-COST\#85-COS\#86-CONT
 #87-CONT\#8\#89-\#3\#3\#4\#4\#47-L\#48-S\#4\#51-A\#52\#5\#5\#59\#60-WATER FI
 #61-STO\#62-STO\#63\#64-\#65-AN\#66-NU\#67-LB\#6\#69-F\#70-H\#71-D\COMP PRIMARY
 COMP S\#92\#9\#94-COM\#95-C\#9\#9\#98-CONTRIBUTOR'S NAME#99-DEPO\#100-U\#101_UN
 CON\FL\DUHMY ELEMENT #75-M\#76-M\#90-MAINT\#91-MA\#92\#9\#94-MAINT
 #95-MAINT WRK MONTHS

```

MT 06 7596 F&F RES,          0107 58 11 1011 071  ___ 5665  ___
---- 20 0220N 0290E 18 SWNW  -- -- - - - - - - - - - - - - - -
-- -- 8200 4457          1.0 02469 82 2 82 3 1          $0 001605  $0
    $0 3 203 5  - - - 0.0 0000 - 0000  - - - - 02  ----
000002 000000  -- --- 00000 00000 00000 - 0000 0000 0000 1.0
2771 83 1 001285 0.0 1 - ----          $0 00000  $0
02 7 0000000000000000000000000000 0000 0000          0.0 00000 00 0  $0
0.0
MT 06 9428 DORN RES ISLANDS  0107 58 11 1011 071  ___  ___  ___
---- 20 0220N 0290E 20 SENW  -- -- - - - - - - - - - - - - - -
-- -- 4350 5761          2.0 00514 82 2 82 3 1          $0 000334  $0
    $0 1 103 7  - - - 0.0 0000 - 0000  - - - -  ___  ----
000000 000000 45 504 00060 00060 00000 - 0000 0000 0000 2.0
---- 83 1 000334 0.0 1 - ----          $0 00000  $0
00 7 0000000000000000000000000000 0000 0000          0.0 00000 00 0  $0
0.0
  
```

2 combinations of values were found. 0 duplicate combinations of values were found.

16 lines of print were produced.

Illustration 25. Query of Sorted Data Elements for Specific Resource Area File Segment.

Enter next command: p(e3ie4ie7ie11ie15ie16ie17ie18ie45ie46) for e2=02 and e6=48
 Print (#3-JOB NUMBER ; #5-JOB NAME ; #7-PLANNING UNIT ; ALLOTMENT NUMBER ;
 #15-TOWNSHIP ; #16-RANGE ; #17-SECTION ; #18-SURDIVISION ; #89-MAINT
 RESPONSIBILITY ; #89-MAINT CYCLE) for #2-DISTRICT = 02 and #7-RESOURCE AREA =
 48

QUERY RESPONSE: 2,648 out of 14,362 JDR RECORD, or 18.44 %

#3-JO\#5-JOB NAME	#7-\ALLOT\#15-TO\#16-RA\#17\#18-S\#8\#89-MAINT CYCL
0001 GEORGE OSTER RES	16 2699 0070N 0540E 05 NENE 3 105
0003 HERIGSTED PETRO FNCE	19 2960 0120N 0570E 06 0000 3 910
0006 EAGLES NEST RES	17 2957 0270N 0530E 17 NWSW 3 005
0007 UTHAUG FENCE	06 2348 0160N 0390E 05 0000 3 710
0008 BARNES BLACKFOOT FEN	06 2052 0200N 0340E 15 0000 3 410
0011 W SCHWEIGERT RES	16 2633 0090N 0590E 14 SWNW 3 905
0012 INDIAN BUTTE RES	19 2960 0120N 0570E 26 SWNW 3 205
0013 C ARNSTON FENCE	03 2002 0220N 0450E 21 N2NW 3 010
0015 MCGRAW COULEE FENCE	04 2151 0060N 0390E 02 NW 3 110
0016 SHALE RESERVOIR	19 2994 0130N 0570E 30 SESE 3 205
0019 T&S RES	03 2331 0250N 0460E 25 N2NS 3 005
0021 C C OCONNOR FENCE	06 2248 0180N 0380E 09 NENE 3 210
0022 TAIT HAHESY FENCE	03 2190 0220N 0460E 31 0000 3 110
0025 T & S LSTK CO FENCE	03 2331 0250N 0470E 14 0000 3 110
0026 KIRKEGARD FENCE	17 2916 0190N 0500E 06 W2SW 3 910
0028 PEDERSON FENCE	03 2378 0240N 0460E 20 NE 3 310
0029 B NEFZGER WELL	07 2386 0240N 0480E 09 NESW 3 010
0030 PCSGD CORRAL	14 2739 0150N 0460E 12 E2 5 000
0034 ROBINSON FENCE	03 2346 0220N 0430E 10 0000 3 310
0035 LAVER FENCE	15 2960 0120N 0570E 34 0000 3 410
0044 WILBER RESERVOIR	01 2150 0210N 0320E 32 SWSE 1 005
0047 COZZENS FENCE	02 2269 0170N 0400E 28 SW 3 110
0052 MOYER FENCE	06 2172 0160N 0390E 05 N2 3 210
0053 BEAR CAT FENCE	03 2030 0160N 0320E 30 SE 3 210
0057 BURGESS FENCE	02 2038 0200N 0410E 02 N2 3 310
0063 SNELL FENCE	06 2315 0160N 0390E 09 0000 3 210
0065 BAKER FENCE	02 2166 0190N 0420E 01 0000 3 210
0069 FORBES RESERVOIR	02 2282 0180N 0410E 31 SENW 1 205
0072 ROSS FENCE	02 2282 0180N 0410E 19 0000 3 210
0074 HELL CREEK RES	02 2020 0210N 0380E 22 NENW 0 000
0075 CABIN CREEK RES	19 3055 0110N 0570E 14 SESW 3 205
0077 JACOBSON FENCE	02 2157 0170N 0400E 19 0000 3 210
0078 LONE PINE DAM	07 2103 0230N 0460E 24 NWNE 2 205
0081 BUTTON BUTTE RES	02 2038 0200N 0410E 01 SWNE 3 605
0082 PARSON CREEK RES	19 3056 0180N 0590E 06 NWSE 1 305
0084 FOGLE FENCE	02 2100 0190N 0390E 07 SE 3 210
0085 MUTTON HOLLOW DAM	03 2130 0240N 0450E 28 NWNW 3 105
0089 DRY CREEK RES	19 3056 0180N 0580E 10 SWNW 3 205
0095 SCHLEPP FENCE	02 2295 0160N 0430E 06 NESE 3 210
0103 LANG FENCE	03 2104 0230N 0760E 24 SESE 3 210

Illustration 26. Format for Updating JDR - Miscellaneous Corrections.

QUERY RESPONSE: 183 out of 8,731 JDR RECORD, or 2.10 %

Enter next command: `poj3`

Print Option i 3

Enter next command: `pojf`

Playback OFF

4033

													(1)	(2)	(3)	(4)													
													STATE	DISTRICT	JDR-NUMBER	TRANSACTION													
													2																
													XX	XX	XXXX	X													
													WV	02	4033	-3													
I***	(5)	(6)	(7)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)															
		JOB NAME	PROJ	RA	UNIT	REGION	COUNTY	SHEED #	ALLOT- MENT #	WILDLIFE HABITAT	BURRO #	DIAM	SHIP	RANGE	SECT-														
		THRU-----	THRU-----								THRU-----	THRU-----	THRU-----	THRU-----															
		XXXXXXXXXXXXXXXXXXXX	XXXX	XX	XX	XXXX	XXX	XXX	XXX	XXX	XXXX	XX	XXXX	XXXX	XX														
		LEADVILLE ALLD F		68	03	<i>1604</i>	013	000	<i>1012</i>	0 00	0000	<i>21 04208 5</i>	<i>31</i>	<i>0180E</i>															
(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)																
SUB	2	EX-	SOIL	INCHES	ELE-	VEGE	COMPOSITION-PERCMT	-COVER-PERCENT-																					
DIVISN	SSF	SLOPE	POS	TEXT	PERCIP	VATION	SUBTYP	GRASS	FORBS	BROWSE	VEGE	LITTER	BARE																
		THRU-----	THRU-----																										
		XXXX	XX	XX	X	XX	XXXXX	XXX	XX	XX	XX	XX	XX																
		0000	00	00	0	00	00000	000	00	00	00	00	00																
													NESE																
II**	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)														
		SUB	UNITS-PLANNED		TIME-DF-AWARD	TIME-DF-COMPLTM		--R.L.M.-COST--		--CONTRIBUTED-COST--		MAINTENANCE																	
		ACTIV	CJC	PRIMARY	2NDRY	FISC-YR	3RD	FISC-YR	3RD	METH	MATERIAL	CONTRACT	MATERIAL	LABOR/EQUIP	RESPONS	CYCL													
		THRU-----	THRU-----					THRU-----	THRU-----																				
		XXXX	XXXX	XXXXXX	XXXXX	XX	X	XX	X	X	XXXXX	XXXXXX	XXXXX	XXXXX	X	XXX													
		4340	5360	14.0	00000	00	0	70	2	1	90	018426	90	90	3	00E													
III*	(37)	(39)	(42)	(45)	(47)	(48)	(49)	(51)	(52)	(54)	(55)	(56)	(59)	(60)	(61)	(62)													
		PRIM	CHEM	MECH	LBS-SEED	SEEDLNGS	SEED	AUMS	FUTUR	WATERSHED-TILLGE		WATER-DEVELOPMENT																	
		OBJ	TYPE	METH	METH	PER-ACRE	PER-ACRE	METH	ADDED	SSF	METHOD	TYPE	MISC	TYPE	FILIM	FLOOD	SILT												
		THRU-----	THRU-----																										
		X	X	X	X	XXX	XXXX	X	XXXX	XX	X	X	X	XX	XXXXXX	XXXXXX	XXXXXX												
		1	-	0	0	0.0	0000	0	0000	00	0	2	-	00	000000	000000	000000												
(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)																					
--WILDLIFE HABITAT DEVELOPMENT/PROTECTION--					VISITOR-DAYS-ADDED																								
TYPE	SPEC	ANML-MOS	#-INCRS	LBS-FISH	R/E	FISH	HUNT	OTHER																					
		THRU-----	THRU-----																										
		XX	XXX	XXXXX	XXXXX	X	XXXX	XXXX	XXXX																				
		00	103	00000	00050	00000	-	0000	0100	0000																			
IV**	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)	(101)																	
		UNITS-COMPLETED	TIME-DF-COMPLTM	WORK	--CONTRIBUTION-DETAIL--		--CONTRIBUTORS--		---																				
		PRIMARY	2NDRY	FISC-YR	3RD	JOB-COST	MONS	AGRMT	PARTIC	CONTRIBUTORS-NAME	DEPOSIT	MATERLS	LBR/EQUIP																
		THRU-----	THRU-----																										
		XXXXXX	XXXXX	XX	X	XXXXXX	XXX	X	X	XXXXXXXXXXXXXXXXXXXX	XXXXX	XXXXX	XXXXX																
		14.2	00000	70	3	<i>000000</i>	0.0	<i>1/2</i>	-	0	90	00000	90																
						<i>18426</i>																							

- Note: 2. PO;3 response to a command eliminates the prior printing of wasteful "print options" which conserves computer time and paper.
3. POFF automatically advances the paper to the top of the next page for printing the output report on "autopilot."

CAUTION: Be sure that the first job number data record is printed immediately below a computer paper perforation. Each data record occupies the entire vertical area between perforation intervals. Once the paper is vertically adjusted for the first output, it is not necessary to make further adjustments. The output reports have been programmed to count the number of lines per page and the REX2 software has been programmed to remember the number of lines typed since the last page change.

8. To query the Historical File for a specific District and planning unit for the purpose of submitting transaction code 3, corrections for Hydro/Subregion, Allotment Number, Township, Range, Section, and Subdivision within job data records:

Enter next command: CL=132
Response: Characters per line = 132

Enter next command: LP = 56
Response: Lines per page = 56

Enter next command: PRF=10
Response: Perforation Skip=10

Enter next command: CS=10 (CR)
Response: Column Separation=10

Enter next command: HM:E2=04 AND E7=11 (CR)
Response: nnn out of n,nnn JDR RECORD, or n.nn%

Enter next command: P(E1 to E3;E8;E11;E15 to E18) FOR R
Response: PRINT (#1-STATE to #3-JOB NUMBER; #8-HYDRO/SUBREGION; ALLOTMENT NUMBER; #15-TOWNSHIP to #18-SUBDIVISION) for RESULT

Query Response: nnn out of n,nnn JDR RECORD or n.nn%.

Illustration 27 is an example of partial submission to D-252 by the Ely District, Nevada for the purpose of correcting the above record items (fields) for the Lake Valley Planning Unit.

Illustration 27. Format to Update JDR Record for Hydro/Subregion, Allotment Number, Township, Range, Section, and Subdivision.

REX 2.1 * Bureau of Land Management * 05/13/83 * 3:45 PM * Page 2

Enter next command: cl=132

Characters per Line = 132

Enter next command: lp=56

Lines per Page = 56

Enter next command: prf=10

Perforation Skip = 10

Enter next command: cs=10

Column Separation = 10

Enter next command: hm:e2=04 and e7=11

How Many : #2-DISTRICT = 04 and #7-PLANNING UNIT = 11

QUERY RESPONSE: 122 out of 8,731 JDR RECORDS, or 1.40 %

Enter next command: p(e1 to e3|e8|e11|e15 to e18) for r

Print (#1-STATE to #3-JOB NUMBER ; #8-HYDRO/SUBREGION ; #15-TOWNSHIP ; #10-RANGE ; #17-SECTION ; #18-SUBDIVISION) for Result

QUERY RESPONSE: 122 out of 8,731 JDR RECORDS, or 1.40 %

#1-STATE	#2-DISTRICT	#3-JOB NUMBER	#8-HYDRO/SUBREGION	#15-TOWNSHIP	#10-RANGE	#17-SECTION	#18-SUBDIVISION
NV	04	0042	63/1606	000000080N	000000650E	00 10	0000 NWSE
		0059	63/1606	000000080N	000000650E	00 12	0000 SENE
		0063	63/1606	000000080N	000000660E	00 27	0000 NWSE
		0064	63/1606	000000090N	000000660E	00 27	0000 SWSE
		0076	63/1606	000000070N	000000650E	00 11	0000 SESE
		0105	63/1606	0050N	0660E	05 05	SESE
		0126	63/1606	000000060N	000000660E	00 31	0000 NENE
		0137	63/1606	000000060N	000000660E	00 19	0000 NWNW
		0140	63/1606	000000070N	000000650E	00 16	0000 NW/NW

- Note: 1. The key entry capability is available for data record updates within respective states' Historical File which replaces the requirement to submit a Form 1732-1 for correction transaction to update all of the above items in a data record.
2. Characters per line, lines per page, perforation skip and column separation print format is a necessary input prior to making a data file inquiry to allow for adequate coding space.

When the JDR System inquiry is complete, type in the word DONE. Upon display of an asterisk (*), type in BYE and time-sharing is completed.

- C. Source of Reference to REX2. Additional details may be acquired by the following reference source and training facility.
1. Reference Source. REX Reference Manual, REX Version 2.1 for Honeywell GCOS Systems, Manual No. G0043, TEKTON Software, Inc., Boulder, Colorado, May 1980, Rev. November 1980.

REX reference manuals, to support the REX2 software, are available through the State ADP Coordinator.

To receive updates, complete the manual registration form that is in the REX reference manual and mail to TEKTON SOFTWARE, INC. The updates contain enhancements and new commands.

The Office of Data Systems (D-200) does not distribute addenda to the REX manuals. Addenda are supplied by TEKTON SOFTWARE, INC.

2. Training Course. Enroll in REX - A Data Management System conducted by:

Bureau of Land Management
ADP Training Team, D-201
Denver Service Center
Bldg. 50, Denver Federal Center
Denver, Colorado 80225

FTS/COMM (303) 234-6915

3. Information Systems Newsletter. A monthly newsletter provides the user with a source of general information about Information Systems activities and addresses technical items useful to the JDR System portion of the ADP community. Technical jargon is minimized. For further information, contact the above office.

VIII. Discussion of Data File Deficiencies and Questions on Data File Development and Maintenance. Data element and procedural changes have occurred since the inception of the JDR System due to technology developments and data file requirements. Some of the more common data element/item deficiencies of those requiring coding or an entry and improve data retrieval are included in Table 4.

Table 4. Common Data Element Coding Omissions

<u>Data Element Name</u>	<u>Form 1732-1 Item No.</u>
Job Name *	5
Resource Area/Planning Unit *	7
Subregion *	8
County *	9
Legal Description *	14 through 18
Allotment Number	11
Subactivity *	75
Component Job Code *	76
Primary Job Objective	37
Facility-Type	55
Primary Units Completed *	90
Secondary Units Completed	91
Fiscal Year of Completion *	92
Third Completed *	93
Job Cost	94
Maintenance Responsibility *	88
Maintenance Cycle *	89
Contribution-Agreement Type	98

* If no entry is made, fatal error occurs. (Requires resubmission of input document.)

The most obvious coding errors or omissions have been listed above. Many others have occurred in processing specific inquiries such as, funds expended by State by Subactivity and Component-Job Code, jobs completed by Cost Method, and jobs by other miscellaneous facility and water development types.

Data file maintenance is needed for correction report transactions for those administrative units (items 1, 2, and 7) that have undergone changes in an administrative boundary or a field office location.

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